



VINEYARD PLANNING COMMISSION MEETING

Site Visit: 179 North Geneva Road @ 5:30 PM

Regular Meeting: Vineyard Town Hall, 240 East Gammon Road, 6 PM

Wednesday, May 16, 2018

PUBLIC NOTICE is hereby given that the Planning Commission of Vineyard, Utah, will hold a site visit, public hearing and regular planning commission meeting, on Wednesday, May 16, 2018. The site visit will begin at 5:30 p.m. at the address noted above. The public hearing and regular meeting will begin at 6:00 p.m. or shortly thereafter. The agenda will consist of the following:

1. CALL TO ORDER

2. INVOCATION/INSPIRATIONAL THOUGHTS/PLEDGE OF ALLEGIANCE

3. OPEN SESSION

“Open Session” is defined as time set aside for citizens to express their views for items not on the agenda. Each speaker is limited to three (3) minutes. Because of the need for proper public notice, immediate action cannot be taken in the Planning Commission Meeting. If action is necessary, the item will be listed on a following agenda. However, the Planning Commission may elect to discuss the item if it is an immediate matter of concern.

4. MINUTES REVIEW AND APPROVAL

Minutes from March 21, 2018 planning commission meeting.

5. BUSINESS ITEMS:

5.1 Site Visit and Consideration – O’Reilly Auto Parts Site Plan

The O’Reilly Auto Parts project is located on a .87-acre lot within the Geneva Retail Frontage subdivision. It is located at the south end of the subdivision along Geneva Road, just north of Parrish Chemical and east of Edgewater development. The applicant is proposing a single-story building, approximately 7,230 square feet, of retail space. The subject property is located within the RMU district.

6. Work Session

6.1 Utah Valley Home Builders Association Signage

6.2 Sign Ordinance

7. COMMISSION MEMBERS’ REPORTS AND EX PARTE DISCUSSION DISCLOSURE

8. STAFF REPORTS

- Morgan Brim, Planning Director
- Don Overson, Town Engineer

9. ADJOURNMENT

The next regularly scheduled meeting is June 6, 2018.

This meeting may be held electronically to allow a commissioner to participate by teleconference.

The Public is invited to participate in all Planning Commission meetings. In compliance with the Americans with Disabilities Act, individuals needing special accommodations during this public meeting should notify Elizabeth Hart, Planner, at least 24 hours prior to the meeting by calling (801) 226-1929.

The foregoing notice and agenda was emailed to the Salt Lake Tribune and Daily Herald, posted on the Utah Public Notice Website and Vineyard Website, posted at the Vineyard City Offices and City Hall, delivered electronically to city staff and each member of the planning commission.

AGENDA NOTICING COMPLETED ON: May 10, 2018

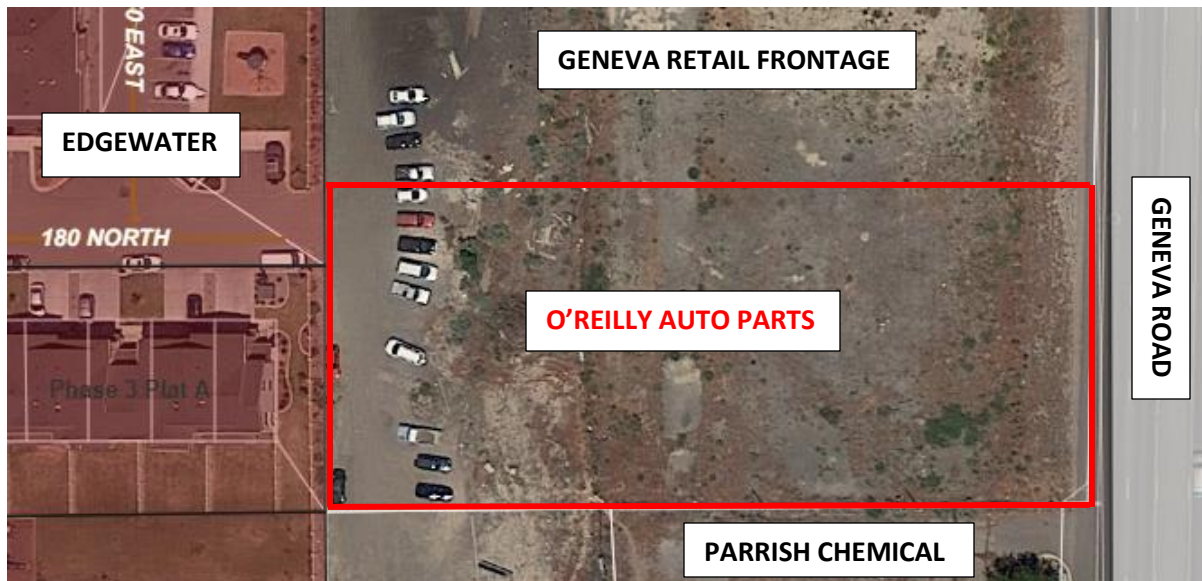
NOTICED BY: /s/ Claire Hague

Claire Hague, Permit Technician



Community Development

Date: May 16, 2018
From: Elizabeth Hart, Planner
To: Planning Commission
Item: O'Reilly Auto Parts Site Plan Application
Address: 179 North Geneva Road, Vineyard Utah 84058
Applicant: Brant Tuttle – Northern Engineering
Owner: Anderson Geneva Development



INTRODUCTION:

The O'Reilly Auto Parts project is located on a .87-acre lot within the Geneva Retail Frontage subdivision. It is located at the south end of the subdivision along Geneva Road, just north of Parrish Chemical and east of Edgewater development. The applicant is proposing a single-story building, approximately 7,230 square feet, of retail space. The subject property is located within the RMU district.

ANALYSIS:

Access to the subject property is from Geneva Road, there are also two (2) accesses within the property that go to the north and south properties. A dumpster is located at the rear of the property, and a picnic table is proposed to be approximately fifteen (15) feet from the dumpster. A freight door is located on the north elevation, which will be used for deliveries. Below is a complete analysis of the site plan and zoning ordinance requirements.

VZC 15.14.2 Regional Mixed-Use District (RMU)			
Compliance	CATEG	Standard	Comments
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 06 Use Regulations	Uses are identified in the District Use Table	Retail Sales and Services is an allowed use within the RMU district.

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.5.a Building Height	The maximum allowable building height shall be fifty-two (52) feet. The maximum number of stories shall be four (4) for non-residential or vertical mixed-use buildings.	The building will contain a height of one story, approx. 20' with a false façade adding 4' to the perceived height.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.6.a Setbacks	Arterial – 25 feet Collector – 20 feet Local – 15 Feet	The building is setback over 100 feet from the future right-of-way of Geneva Road.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.10.d	A minimum of ten (10) percent of the site area of the non-residential development shall be set aside for open space. Such areas shall be used for plaza areas, outdoor seating areas. The minimum size of an open space areas shall be 2,000 sq. ft.	Site Area: 42,662 SF Open Space Provided: 11,565 SF (27%)
VZC 15.36 Site Planning and Building Design Requirements			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.1 Subdivision and Project Features	All projects shall include project features that add visual interest and attractiveness to the project area and the Town. Such features may include project entry features, public art pieces, streetscape designs, pedestrian and biking facilities and trails, consistency in design features, and useable parks and open spaces.	A bike rack and bench are located next to the entry way. A picnic table with benches located at the rear of the property. The building also includes trellises on the side elevations.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.1.a.ii.1 Coherent Building Design	All sides of a building may have a visual or other impact and shall be coherently designed and treated. A façade not related to the rest of the building shall be avoided. A consistent level of detail and finish on all sides of a building shall be provided	The front façade includes a window entry way. The materials include EIFS and Unit Masonry
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.1.a.ii.2 Coherent Building Design	Continuous building wall surfaces shall be relieved with variations of wall planes or overhangs that create shadow areas and add visual interest.	The EIFS walls have recessed portions which provide a change in wall plane and create shadow lines below the projections.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.1.a.v. Visual Patterns	All buildings shall have shadow relief created by recesses and projections. Recesses may include courtyards, entryways, or boxed window openings, along the exterior of the building. Projections may include stairs, balconies, entrances, or bays, covered walkways, porches, breezeways, patios, trellises, landscape areas, and wide roof overhangs are encouraged to produce shadow effects. Large unbroken expanses of exterior walls shall be avoided.	The walls have recessed portions around the entire building. The trellises have awnings over them creating shadow.
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Part 03.5. Building Location	All buildings shall have an orientation to the street to encourage a pedestrian relationship. Building placement shall allow interconnected walkways and shared site accesses, as applicable,	Because of the future widening of Geneva Road the pedestrian relationship is hard to accommodate right now. Staff is aware that the site does not

		for increased convenience, accessibility, and enhanced safety for pedestrians.	show any future pedestrian connection onto the site and believes this issue needs to be worked out once the right-of-way has been taken by the city.						
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.8.b Building Finishes	High gloss paints, factory finished metals or other materials which increase visual impacts, and aluminum, white or reflective roofs are prohibited. Matte finishes are recommended. Bright, glossy, fluorescent color schemes and mirrored or other highly reflective glass is strongly discouraged.	The applicant has provided a materials board that shows matte finishes.						
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.10 Site Access	The location and number of access points to the site, the interior circulation pattern and the separation between pedestrians and vehicles shall be designed to maximize safety and convenience, and should be harmonious with proposed and neighboring buildings.							
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.17.c Parking Lot Lighting	Minimum adequate lighting should be provided in all parking areas, with emphasis placed on appropriate lighting at entrances and exists. All parking area lighting shall be integrated with a landscape features. The height of pole-mounted fixtures shall be held to a minimum practical height, but not exceeding twenty (20) feet.	A lighting plan has been submitted. There is a light pole on the east side of the parking stalls, the overall height of the light pole is 27' which is over the 20 foot maximum. The building walls includes 22 light fixtures. All lighting is downward.						
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 18.a Sign Standards	Signs shall be provided as an integral site and building design element and shall be compatible with the style of the building in terms of location, scale, color, and lettering style.	They have submitted a sign design with the site plan but a sign permit will need to be submitted separately from this application, which staff will verify that it meets this requirement.						
VZC 15.38 Parking and Loading Requirements									
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.1.d Accessible Parking	Accessible parking for non-residential developments shall be provided in conformance with the Americans with Disabilities Act (ADA), Utah Americans with Disabilities Act (Utah ADA) and International Building Code (IBC).	Two (2) ADA parking stall is proposed along the access route adjacent to the building frontage. The building department will review all ADA standards in the building permit process.						
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.1.e Parking Stall Dimensions	Minimum parking stall size: <table border="1"> <tr> <td>Type</td> <td>Width</td> <td>Length*</td> </tr> <tr> <td>Standard</td> <td>9 feet</td> <td>20 feet</td> </tr> </table>	Type	Width	Length*	Standard	9 feet	20 feet	The parking stalls are 20 feet in length and 9 feet in width.
Type	Width	Length*							
Standard	9 feet	20 feet							
<input checked="" type="checkbox"/> Yes		All off-street parking lots of four (4) or more spaces shall be screened from the street view and	The adjacent multi-family development is screened by an						

<input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.1.n Screening	adjacent residential districts by a landscaped berm, decorative wall, vertical landscaping, or combination thereof at least three (3) feet high, as measured at finished grade adjacent to the parking area to be screened. All walls or berms shall be installed a minimum of two and one-half (2.5) feet back from the edge of the parking stall.	existing six-foot (6) wall. The parking facing Geneva Road will be screened with landscaping.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 03.1.o.i. Parking Area Landscaping	Five percent (5%) of the gross parking surface area shall be of dispersed interior landscaping, designed so as to reduce the "heat island" effect and to enhance the aesthetics of a parking area. A development with a single drive aisle between a building and property boundary may include the required landscaping on the perimeter of the drive aisle toward this requirement.	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Parking Table	Establishments providing an eating and drinking establishments shall provide one (1) space per one hundred (100) square feet of floor area, including outdoor seating.	1 space per 300 square feet of floor area. Required Parking: 15 Provided Parking: 33
VZC 15.40 Landscaping			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.1.b. Minimum Size of Plantings	Unless otherwise specified herein, all required deciduous trees shall be a minimum of two-inch (2") caliper in size. All evergreen trees shall be a minimum of six feet in height. All shrubs shall be a minimum of five gallon in size.	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.1.e. Limitation on the use of Turf	Turf shall be limited to 60% of the total landscaped area	Turf is ~ 45% of the total landscaped area.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.2.b. Onsite Landscaped Area	Landscaped areas shall be provided on the site in an amount equal to or greater than twenty percent (20%) of the net site area. Shall also include plazas.	Total Site Area: 37,188 SF Landscape Area: 7,675 SF 20.6%
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.3.a. Landscaped Buffers	A minimum ten-foot (10') wide landscape buffer shall be required along those property lines of a site development for multi-family residential, commercial, or industrial uses when such property lines are contiguous with any residential development or residential zoning district.	The landscape buffer along the rear property line is ten (10) feet in width.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.3.b. Landscaped Buffers	The landscape buffer areas shall be improved with a minimum of one (1) screening tree spaced at each fifteen-foot (15") interval of the property boundary being screened.	4 trees have been placed in the rear.

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.6.a Street Frontage	The landscape setback measured from the property line, for non-residential and multi-family uses: Arterial Streets: 25 Feet Collector Streets: 20 Feet Local Streets: 15 Feet	There is 25 feet of a landscaped setback from the property line.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Part 08.6.e Street Frontage	The installation of street trees, shrubs and vegetative groundcover shall be required for all applicable projects in an amount equal to or greater than one (1) tree and ten (10) shrubs for every twenty (20) feet of street frontage and vegetative groundcover as required to meet a minimum of sixty-five percent (65%) of the total street frontage landscaped area.	There is 135 feet of street frontage. 7 trees and 70 shrubs are required and provided.

FINDINGS:

With the proposed conditions, the proposed site plan meets the following findings:

- It meets the goals and objectives of the General Plan
- It is in conformance with the Zoning Ordinance.

RECOMMENDATION:

Staff recommends the Planning Commission approve the site plan application for O'Reilly Auto Parts with the following conditions:

1. The applicant pays any outstanding fees and makes any redline corrections.
2. All signage shall require a separate permit.
3. The applicant is subject to all federal, state and local laws.

PROPOSED MOTION:

"I move to approve the proposed site plan for O'Reilly Auto Parts with the proposed conditions.

Attachments:

Site Plan Application
Proposed Site Plan Set



240 East Gammon Road
Vineyard, Utah 84058
Phone (801) 226-1929
Community Development Department

SITE PLAN APPLICATION

STAFF USE ONLY

Application Date: ____ / ____ / ____ Application Number: ____ Fee Owed: \$ ____
Received by: ____ Receipt #: ____ Cash/Card/Check#

PROJECT INFORMATION

Name: O'REILLY AUTO PARTS STORE
Address: 179 NORTH GENEVA ROAD
Acreage/Property Size: 0.85 ACRES

APPLICANT INFORMATION

Name: BRYANT TUTTLE, NORTHERN ENGINEERING FOR SIMONCRE JC III, LLC
Mailing Address: 1040 EAST 800 NORTH, OREM, UTAH 84097
Phone #: 801-802-8992 Fax #: 801-802-8993
Email Address: btuttle@neiutah.com

Owner Information

Owner Name: ANDERSON GENEVA DEVELOPMENT
Owner Address: 9537 S. 700 E., SANDY, UTAH 84070
Owner Phone #: 801-990-4995 Owner Email Address: stewart@and-dev.com
Owner's Signature: SEE ATTACHED PROPERTY OWNERS AFFIDAVIT



PROPERTY OWNERS AFFIDAVIT

I (we) Anderson Geneva, being first duly sworn, depose and say that I (we) am (are) the current owner of the property involved in this application; that I (we) have read the application and attached plans and other exhibits and are familiar with its contents; and that said contents are in all respects true and correct based upon personal knowledge.

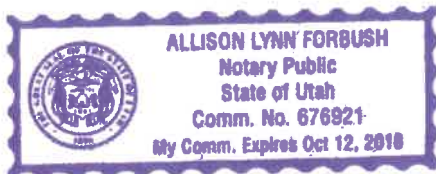
Owner's Signature

Owner's Signature (co-owner, if any)

State of Utah

County of Salt Lake

Subscribed and sworn to (affirmed) before me this 20th day of March, 2018.



Allison L Forbush
Notary Public

AGENT AUTHORIZATION AFFIDAVIT

I (we), Anderson Geneva, owner(s) of the real property located at 9537 S. 700 E., Sandy UT, in Highland City, Utah, do hereby appoint Simone CK JC III, LLC, as my (our) agent to represent me (us) with regard to this application affecting the able described real property.

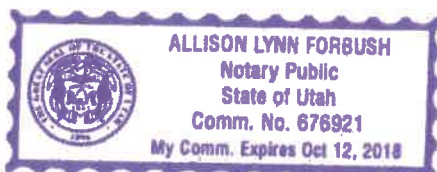
Owner's Signature

Owner's Signature (co-owner, if any)

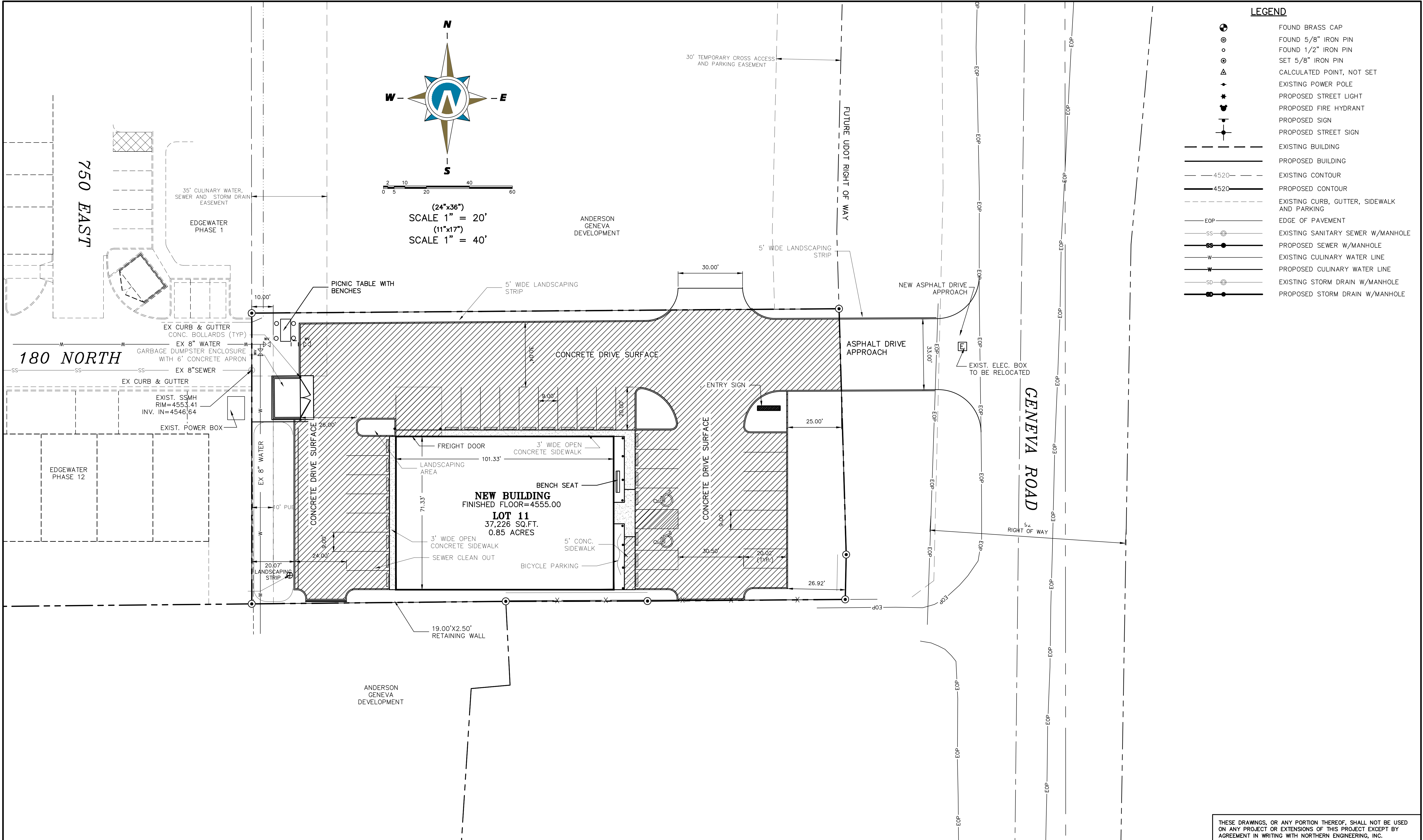
State of Utah

County of Salt Lake

Subscribed and sworn to (affirmed) before me this 20th day of March, 2018.



Allison L Forbush
Notary Public



5			DESIGNED BY:	DATE:
4			DRAWN BY:	DATE:
3			CHECKED BY:	DATE:
2			APPROVED:	DATE:
1			COGO FILE:	DATE:
NO.	REVISIONS	BY	DATE	REV. COGO FILE:



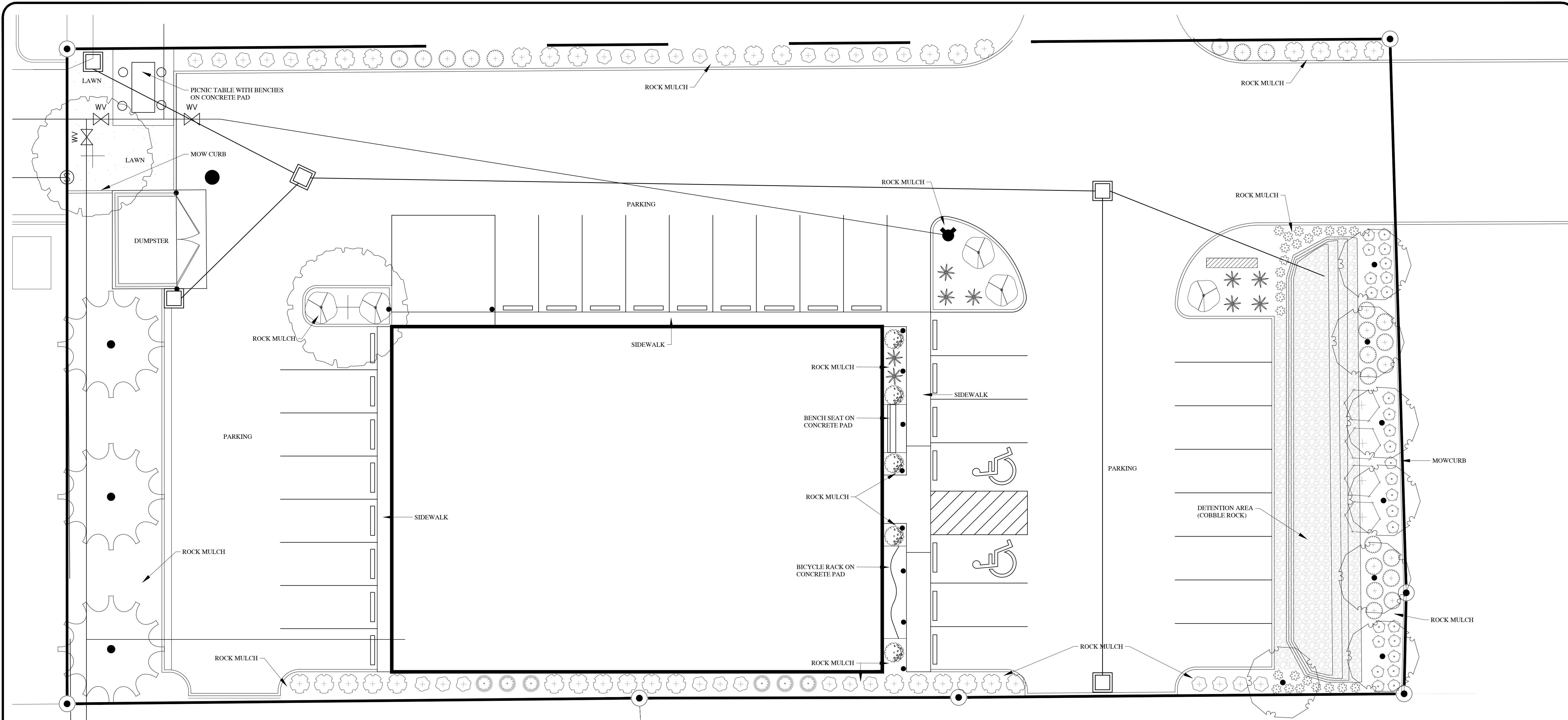
Northern
ENGINEERING INC
ENGINEERING—LAND PLANNING
CONSTRUCTION MANAGEMENT

1040 E. 800 N.
OREM, UTAH 84097
(801) 802-8992

O'REILLY AUTO PARTS STORE

SITE PLAN	JOB NO. 17-046
VINEYARD, UTAH	SHEET NO. SP-01

THESE DRAWINGS, OR ANY PORTION THEREOF, SHALL NOT BE USED ON ANY PROJECT OR EXTENSIONS OF THIS PROJECT EXCEPT BY AGREEMENT IN WRITING WITH NORTHERN ENGINEERING, INC.



TREE LEGEND

SYMBOL	BOTANICAL NAME/COMMON NAME	QTY	SIZE
	ACER X 'KEITHSFORM' NORWEGIAN SUNSET MAPLE	2	2" CAL.
	KOELREUTERIA PANICULATA GOLDEN RAINTREE	7	2" CAL.
	PINUS NIGRA AUSTRIAN PINE	3	6' HT.

SHRUB LEGEND

SYMBOL	BOTANICAL NAME/COMMON NAME	QTY	SIZE
	BERBERIS THUNBERGII 'BAGATELLE' BAGATELLE DWARF BARBERRY	27	5 GAL.
	BUXUS X 'WINTERGEM' WINTERGEM BOXWOOD	5	5 GAL.
	CARYOPTERIS CLANDONENSIS BLUEMIST SPIREA	22	5 GAL.
	PHYSOCARPUS OPULUS 'LITTLE DEVIL' LITTLE DEVIL NINEBARK	33	5 GAL.
	PINUS MUGO MUGHUS 'SLOWMOUND' SLOWMOUND DWARF MUGO PINE	6	5 GAL.
	POTENTILLA FRUTICOSA 'GOLD DROP' GOLD DROP POTENTILLA	28	5 GAL.
	PRUNUS BESSEYI 'PAWNEE BUTTES' PAWNEE BUTTES SAND CHERRY	5	5 GAL.
	RHUS AROMATICA 'GRO-LOW' GRO-LOW SUMAC	4	5 GAL.

PERENNIAL, ORNAMENTAL GRASS

SYMBOL	BOTANICAL NAME/COMMON NAME	QTY	SIZE
	HEMEROCALLIS X 'STELLA D'ORO' STELLA D'ORO DAYLILY	25	1 GAL.
	PENNISETUM ALOPECUROIDES 'HAMELN' HAMELN FOUNTAIN GRASS	9	1 GAL.

TURF GRASS

SYMBOL	BOTANICAL NAME/COMMON NAME	QTY	SIZE
	POA PRATENSIS KENTUCKY BLUEGRASS	446 S.F.	SOD

SITE DATA

TOTAL SITE AREA	37,188 S.F.
LANDSCAPE AREA	7,675 S.F.
TOTAL LAWN AREA	446 S.F. (6%)
TOTAL PLANTER AREA	7,229 S.F. (94%)
STREET FRONTAGE (135 LINEAL FEET)	
TREES	REQUIRED = 7 PROVIDED = 7
SHRUBS	REQUIRED = 70 PROVIDED = 70
STREET FRONTAGE (2,435 S.F. OF LANDSCAPE WITHIN 25' SETBACK)	
LAWN(30% MAX)	REQUIRED = 0 (30% MAX.) PROVIDED = 0 S.F.
PLANTER	REQUIRED = 1,700 (70%) MIN. PROVIDED = 2,435 S.F.

LANDSCAPE NOTES

- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES OF ALL MATERIALS FOR BIDDING AND INSTALLATION PURPOSES. IF DISCREPANCIES EXIST, THE PLAN SHALL DICTATE.
- PLANT MATERIAL TO BE INSTALLED PER PLANT LEGEND. ANY SUBSTITUTIONS TO BE APPROVED BY OWNER AND/OR LANDSCAPE ARCHITECT.
- NEW AUTOMATIC UNDERGROUND IRRIGATION SYSTEM TO BE INSTALLED PRIOR TO LANDSCAPE INSTALLATION TO ENSURE PROPER WATERING OF ALL LANDSCAPE AREAS.
- NEW LAWN AREAS TO BE SODDED WITH 100% KENTUCKY BLUEGRASS (MINIMUM OF 3 DIFFERENT VARIETIES). FINE LEVEL ALL AREAS PRIOR TO LAYING SOD.
- SANDY LOAM TOPSOIL TO BE INSTALLED AT THE FOLLOWING DEPTHS: 12" IMPORTED SANDY LOAM TOPSOIL IN ALL NEW PLANTER AREAS (EXCEPT DETENTION AREAS) . INSTALL 4" DEPTH OF SANDY LOAM TOPSOIL IN ALL NEW LAWN AREAS.
- PLANTER BEDS TO BE EXCAVATED AS NECESSARY IN ORDER TO ALLOW FOR TOPSOIL, AMENDMENTS AND MULCH. THE FINISHED GRADE OF LAWN AREAS SHALL BE APPROX. 1" BELOW TOP OF LAWN EDGING, SIDEWALK OR OTHER PAVED AREAS. FINISHED GRADE OF PLANTER AREAS SHALL BE APPROX. 4" BELOW TOP OF CURB, SIDEWALK, OR OTHER PAVED AREA BEFORE MULCH.
- DEWITT 5 OZ. WEED BARRIER FABRIC TO BE INSTALLED IN ALL ROCK MULCH AREAS AND UNDER COBBLE ROCK IN DETENTION POND.
- INSTALL PRE-EMERGENT HERBICIDE TO THE TOP OF THE FABRIC AFTER INSTALLING PLANTS AND PRIOR TO INSTALLING MULCH. AFTER INSTALLATION OF THE MULCH THE CONTRACTOR SHALL EVENLY BROADCAST A SECOND APPLICATION OF SLOW-RELEASE PRE-EMERGENT HERBICIDE. APPLY PRE-EMERGENT HERBICIDE PER MANUFACTURERS RECOMMENDATIONS.
- ROCK MULCH TO BE 3" SIZE CRUSHED 'SOUTHTOWN' ROCK FROM UTAH LANDSCAPE ROCK IN NEPHI, UTAH. IMPLEMENT ROCK MULCH AT A 3" DEPTH ON ALL PLANTER BEDS OVER WEED FABRIC. ROCK MULCH TO BE WASHED AND CLEAN OF DIRT AND DEBRIS. TAPER ROCK MULCH AROUND BASE OF PLANTS AS TO NOT COVER OR MOUND AGAINST LEAVES OR STEMS.
- DETENTION AREA TO HAVE 8" DEPTH OF 2"-6" SIZE 'SOUTHTOWN' COBBLE ROCK FROM UTAH LANDSCAPE ROCK IN NEPHI, UTAH. IMPLEMENT COBBLE ROCK OVER WEED BARRIER FABRIC.
- IF HIGH WINDS ARE FREQUENT ON SITE, ALL TREES TO BE STAKED AT TIME OF PLANTING.
- SEE ARCHITECT AND CIVIL PLANS FOR ALL BUILDING AND SITE INFORMATION.

SOD LAYING NOTES

- LAY SOD WITHIN 24 HOURS OF BEING LIFTED.
- LAY SOD IN ROWS WITH JOINTS STAGGERED. BUTT SECTIONS CLOSELY WITHOUT OVERLAPPING OR LEAVING GAPS BETWEEN SECTIONS. CUT OUT IRREGULAR OR THIN SECTIONS WITH A SHARP KNIFE.
- LAY SOD FLUSH WITH ADJOINING EXISTING SODDED OR PAVED SURFACES.
- WATER ALL SODDED AREAS IMMEDIATELY AFTER SOD LAYING TO OBTAIN MOISTURE PENETRATION THROUGH SOD INTO TOP 4" OF TOPSOIL.

LANDSCAPE ARCHITECTURE Land Planning
17 North 470 West American Fork, Utah 84403
801.756.5043 www.in-sitedesigngroup.com
architects@in-sitedesigngroup.com

CONSULTANTS:

PROJECT:

O'REILLY AUTO PARTS
SimonCRE
VINEYARD, UTAH

PRELIMINARY PLAN - NOT FOR CONSTRUCTION

SHEET TITLE:

LANDSCAPE PLAN

DRAWN BY: DW

CHECKED: DW

DATE: 05-07-2018

REVISIONS: 05-08-2018

JOB NO.: 18-110

SHEET:

LS1.1

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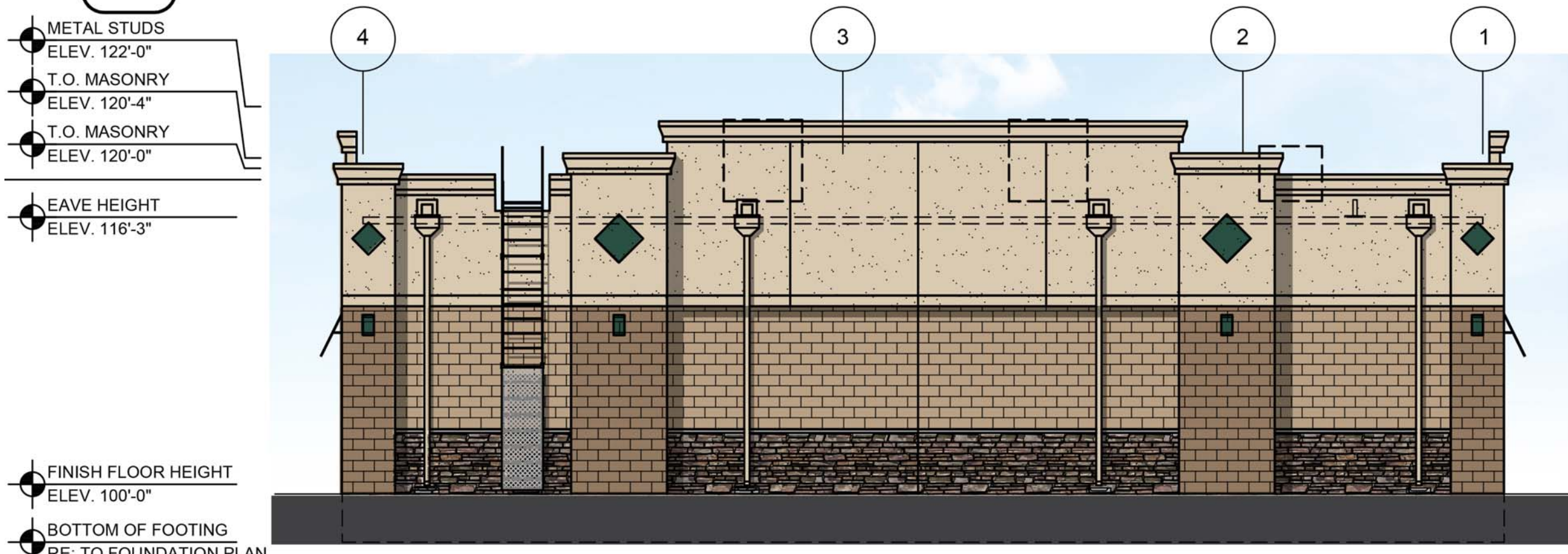
1 FRONT EXTERIOR ELEVATION

A2.1 SCALE: 1/8" = 1'-0"



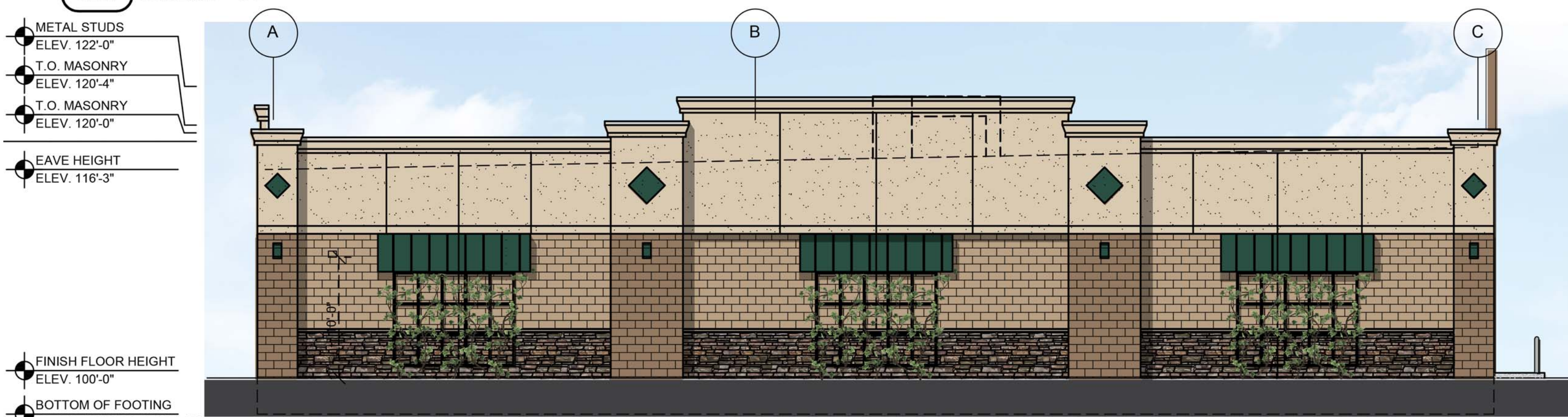
2 RIGHT EXTERIOR ELEVATION

A2.1 SCALE: 1/8" = 1'-0"



3 REAR EXTERIOR ELEVATION

A2.1 SCALE: 1/8" = 1'-0"



4 LEFT EXTERIOR ELEVATION

A2.1 SCALE: 1/8" = 1'-0"

EXTERIOR FINISH SCHEDULE

PRE-ENGINEERED METAL BUILDING WALL PANEL SYSTEMS

KEY NOTE NO. 1:

TYPE: EXTERIOR WALL PANEL (TYPE 1)
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
SERIES: EQUAL TO BUTLER BUILDING "STYLWALL"
FINISH: PREFINISHED
COLOR: EQUAL TO SHERWIN WILLIAMS "POSITIVE RED" SW6871 GLOSS

KEY NOTE NO. 2:

TYPE: EXTERIOR WALL PANEL (TYPE 2)
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
SERIES: EQUAL TO BUTLER BUILDING "SHADOWALL"
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

KEY NOTE NO. 3:

TYPE: EXTERIOR WALL PANEL (TYPE 3)
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
SERIES: EQUAL TO BUTLER BUILDING "SHADOWALL"
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

FLASHING AND SHEET METAL

KEY NOTE NO. 4:

TYPE: STANDING SEAM ROOFING SYSTEM
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
COLOR: GALVALUME

KEY NOTE NO. 5:

TYPE: CAP FLASHING AT WALL PANELS (TYPE 2 AND TYPE 3)
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

KEY NOTE NO. 6:

TYPE: CAP FLASHING AT WALL PANELS (TYPE 1)
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: SHERWIN WILLIAMS "POSITIVE RED" SW6871 (SHER-CRYL) GLOSS WITH SHERWIN WILLIAMS THREE COMPONENT (B65T105 / B65V105 / B65C105) CLEAR URETHANE

KEY NOTE NO. 7:

TYPE: WALL PANEL TRIM
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

KEY NOTE NO. 8:

TYPE: GUTTER AND DOWNSPOUTS
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

KEY NOTE NO. 9:

TYPE: DOOR TRIM
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

DOORS AND WINDOWS

KEY NOTE NO. 13:

TYPE: STEEL DOORS AND FRAMES (DOORS NO. 2 AND 7)
MFG: (OWNER FURNISHED / CONTRACTOR INSTALLED)
FINISH: FACTORY PREFINISHED
COLOR: SHERWIN WILLIAMS "SOFTER TAN" SW6141 (SEMI-GLOSS)

KEY NOTE NO. 13:

TYPE: SECTIONAL OVERHEAD DOOR (DOOR NO. 3)
MFG: (REFER PROJECT MANUAL)
FINISH: FACTORY PRIMED AND FIELD PAINT
COLOR: SHERWIN WILLIAMS "SOFTER TAN" SW6141 (SEMI-GLOSS)

KEY NOTE NO. 14:

TYPE: (REFER TO WINDOW SCHEDULE)
MFG: EFCO, KAWNEER, OR OLD CASTLE (VISTA WALL), (NO SUBSTITUTES)
FINISH: PREFINISHED
COLOR: EFCO "IVY", KAWNEER "DARK IVY", VISTA WALL "INTERSTATE GREEN"

PAINTING

KEY NOTE NO. 16:

TYPE: STEEL BOLLARDS (REFER TO CIVIL DRAWINGS)
FINISH: FIELD PRIME AND PAINT
COLOR: SHERWIN WILLIAMS "HUNT CLUB" SW6468 (SEMI-GLOSS)

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
(B) REFER TO CIVIL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
(C) REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR SYSTEM TYPES AND ADDITIONAL REQUIREMENTS.
(D) REFER TO EXTERIOR FINISH SCHEDULE FOR MATERIAL TYPES.
(E) REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS.
(F) REFER TO SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.

KEY NOTES

- (1) PRE-ENGINEERED METAL BUILDING EXTERIOR WALL PANEL SYSTEM (TYPE 1).
(2) PRE-ENGINEERED METAL BUILDING EXTERIOR WALL PANEL SYSTEM (TYPE 2).
(3) PRE-ENGINEERED METAL BUILDING EXTERIOR WALL PANEL SYSTEM (TYPE 3).
(4) PRE-ENGINEERED METAL BUILDING SHEET METAL ROOFING SYSTEM.
(5) PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING WITH 3" VERTICAL FACE. (AT TYPE 2 AND TYPE 3 WALL PANELS).
(6) PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING WITH 3" VERTICAL FACE (AT TYPE 1 WALL PANELS).
(7) PRE-ENGINEERED METAL BUILDING SHEET METAL WALL PANEL TRIM.
(8) PRE-ENGINEERED METAL BUILDING SHEET METAL GUTTER AND DOWNSPOUT SYSTEM.
(9) PRE-ENGINEERED METAL BUILDING SHEET METAL DOOR TRIM.
(10) LINE OF ROOF BEYOND WITH 1/4":12" SLOPE MINIMUM
(11) SURFACE MOUNTED SIGN OWNER FURNISHED AND INSTALLED. PROVIDE BACKING FOR MOUNTING AND ROUGH-IN ELECTRICAL. COORDINATE REQUIREMENTS WITH OWNER. REFER TO SHEET SG2.1.
(12) BUILDING ADDRESS NUMBERS IN 6" HIGH HELVETICA WHITE VINYL ADHERED TO EXTERIOR FACE OF GLAZING.
(13) EXTERIOR DOOR AND FRAME SYSTEM. REFER TO FLOOR PLAN AND DOOR SCHEDULE FOR TYPES.
(14) EXTERIOR WINDOW SYSTEM. REFER TO FLOOR PLAN AND WINDOW SCHEDULE FOR TYPES.
(15) APPROXIMATE LINE OF FOUNDATION, REFER TO STRUCTURAL DRAWINGS.
(16) STEEL BOLLARDS, REFER TO CIVIL AND STRUCTURAL DRAWINGS.
(17) HOSE BIB, REFER TO PLUMBING DRAWINGS.
(18) LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
(19) (NOT USED).
(20) MECHANICAL ROOF TOP UNIT, REFER TO MECHANICAL DRAWINGS.
(21) MECHANICAL WALL PENETRATIONS, REFER TO MECHANICAL DRAWINGS. PROVIDE FRAMING, FLASHING, AND SEALANT AS REQUIRED.
(22) PLUMBING ROOF VENT, REFER TO PLUMBING DRAWINGS AND DETAIL 11/A4.2.
(23) CONCRETE SPLASH BLOCK INSTALL AT EACH DOWNSPOUT.

SHEETS BEARING THIS SEAL ARE AUTHENTICATED. RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS OR INSTRUMENTS ARE DISCLAIMED.

O'Reilly AUTO PARTS

CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
208 GENEVA ROAD
VINEYARD, UTAH

EXTERIOR ELEVATIONS

Buddy Webb, NCARB, AIA
Architect - Consultant

3057 EAST CAIRO
SPRINGFIELD, MISSOURI 65802
(417) 877-1385 TELEPHONE
(417) 877-9736 FAX



DRAWN BY: **EW** CHECKED BY: **SB**
DATE: **04/12/18**
REVISION:

PROJECT NUMBER:
VYD

SHEET NUMBER

A2.1

EXTERIOR LIGHT FIXTURE SCHEDULE																
ALL ITEMS LISTED ON THE "LIGHT FIXTURE SCHEDULE" WILL BE SUPPLIED BY THE OWNER (O'REILLY). ITEMS SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR:					GRAYBAR ELECTRIC CO. INC. 11885 LACKLAND ROAD ST. LOUIS, MO 63146					GRAYBAR O'REILLY TEAM EMAIL: oreilly@graybar.com TOLL FREE: (314) 573-2080						
MARK	MFR.	CATALOG NUMBER	SUPPLY VOLTAGE	FINISH	SURFACE WALL	MOUNTING		LAMPS		QUANTITY	WATTAGE	NOTES	FIXTURE QUANTITY			
						SURF. CEILING	OTHER	FLOURESCENT	LED					OTHER		
															TYPE	
WS1	LSI	XWM-FT-LED-06L-50-UE-BRZ NO SUBSTITUTIONS	120	DARK BRONZE	X			X		1	59	FULL CUT-OFF, BUG RATING B1-U0-G1, ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATIONS.	6			
DL	WAC LIGHTING	DS-WD06-F40S-BZ NO SUBSTITUTIONS	120	BRONZE	X			X		1	70 (35X2)	FULL CUT-OFF, ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATIONS.	0			
LED POLE LIGHTS																
P1	LSI	XALM-FT-LED-SS-50-UE-BRZ-IL	120	DARK BRONZE				X		X	1	154	25' POLE LENGTH, ADVANCE BALLASTS, FULL CUT-OFF, NO SUBSTITUTIONS, ANCHOR BOLTS W/HARDWARE & TEMPLATE, WITH INTERNAL LOUVER HOUSE SIDE SHIELD, BUG RATING B2-U0-G3	1		
	LSI	550B3-S11G-25-S-BRZ-LAB-SBC						X		X	1					
AUTOMATIC LIGHTING CONTROL FIXTURE QUANTITY TO BE VERIFIED WITH SITE PLAN QUANTITY																

AUTOMATIC LIGHTING CONTROL

- COMPLIANCE WITH ENERGY CODE IS ACHIEVED BY:
- ONCE THE VENSTAR EMS HAS BEEN PROGRAMMED, THE INTERIOR AND EXTERIOR LIGHTS WILL TURN ON AND OFF USING THE FOLLOWING LOGIC: SEE SHEETS VS1, VS2 AND VS3
 - INTERIOR WORK LIGHTS WILL TURN ON WITH FIRST MOTION IN THE STORE AND WILL TURN OFF 15 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.
 - INTERIOR SALES LIGHTS WILL TURN ON AT STORE OPENING AND TURN OFF 15 MINUTES AFTER STORE CLOSING.
 - EXTERIOR SIGN LIGHTS WILL TURN ON WHEN ITS DARK ENOUGH OUTSIDE ANYTIME DURING STORE HOURS, AND WILL TURN OFF AT STORE CLOSING.
 - EXTERIOR SITE LIGHTS WILL TURN ON WHEN IT IS DARK ENOUGH OUTSIDE AND IT IS WITHIN STORE HOURS OR THERE IS MOTION IN THE STORE, THEY WILL TURN OFF 30 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.
 - FOR NEW CONSTRUCTION LOCATIONS ONLY, THERE IS A TEMPORARY PROGRAM TO KEEP SIGN AND SITE LIGHTS ON UNTIL MIDNIGHT RATHER THAN THE TIMES INDICATED ABOVE. O'REILLY WILL DISABLE THIS PROGRAM ONE YEAR AFTER STORE OPENING.
 - RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
Parking	+	1.4 fc	6.6 fc	0.00 fc	N/A	N/A	N/A
Porperty	+	0.8 fc	12.0 fc	0.00 fc	N/A	N/A	N/A

BACKLIGHT-UPLIGHT-GLARE (BUG) RATING / FULL CUTOFF

SEE CUT-SHEET BELOW OF EXTERIOR LIGHT FIXTURES, ALL OF THE LSI XALM & XWM LED FIXTURES HAVE ZERO UPLIGHT AND ARE CONSIDERED "FULL CUT OFF" AND DARKSKY COMPLIANT". BELOW ARE THE "BUG" RATINGS, AS TESTED TO IDENTIFY HOW MUCH OF THE LIGHT GOES BACKWARDS, UPWARDS AND TO THE GROUND. THE CHART BELOW SHOWS THAT THESE FIXTURES HAVE BUG RATINGS WITH (UPLIGHT) U = 0.

LSI Outdoor LED Fixture BUG Summary 02/28/2017						
Catalog Number	Fixture Lumens	Fixture Watts	Lumens/Watt	IES Class	Long Class	BUG Rating
XALM-3-LED-SS-50-IL	15,847	154	102	Type III	Short	B1-U0-G3
XALM-SW-LED-SS-50-IL	11,831	153	77	Type III	Short	B2-U0-G2
XALM-FT-LED-SS-50-IL	14,362	154	93	Type IV	Short	B2-U0-G3
XWM-3-LED-06-50	6,571	54	122	Type III	Medium	B1-U0-G2
XWM-FT-LED-06-50	6,523	54	121	Type IV	Short	B1-U0-G2

TUBE ARCHITECTURAL DS-WD06

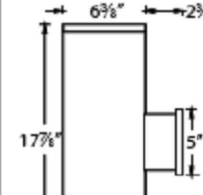


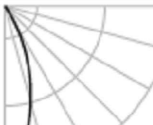



LED Wall Mounts



PRODUCT DESCRIPTION
The latest energy efficient LED technology in an appealing cylindrical profile delivers accent and wall wash lighting. Comes in various light distribution and beam angle options.

- FEATURES**
- High performance exterior rated LED wall mount light
 - Fixture can install upside down to alter light distribution
 - Solid aluminum construction
 - 5 year warranty

SPECIFICATIONS
Input: Universal voltage 120V - 277VAC, 50/60Hz
Dimming: Electronic low voltage (ELV): 100% - 20% (120V only)
0-10V: 100% - 20% (120-277V)
Light Source: High output 3 Step MacAdam Ellipse COB
Rated life of 70,000 hours at L70
Standards: IP65 rated, ETL & cETL wet location listed
Finish: Electrostatically powder coated, white, black, bronze and graphite

ORDERING NUMBER			Standards: IP65 rated, ETL & cETL wet location listed						Finish	
Diameter	Watt		Color Temp	CRI	Lumen	CBP	Efficacy (lm/w)	Light Distribution		
	S275	2700K	85	1875x2	8911	52 x2			<div>BK Black</div> <div>WT White</div> <div>BZ Bronze</div> <div>GH Graphite</div>	
	S9275	2700K	90	2400x2	11392	67x2				
	S305	3000K	85	2000x2	9500	56x2				
	S9305	3000K	90	2170x2	10317	60x2				
	S355	3500K	85	2500x2	11884	69x2				
	S405	4000K	85	2450x2	11639	68x2				
	N275	2700K	85	1830x2	4642	51 x2				
	N9275	2700K	90	2340x2	5935	65x2				
	N305	3000K	85	1950x2	4949	54x2				
	N9305	3000K	90	2120x2	5374	59x2				
N355	3500K	85	2440x2	6191	68x2					
N405	4000K	85	2390x2	6063	66x2					
F275	2700K	85	1840x2	3310	51 x2					
F9275	2700K	90	2355x2	4231	65x2					
F305	3000K	85	1965x2	3528	55x2					
F9305	3000K	90	2130x2	3832	59x2					
F355	3500K	85	2455x2	4414	68x2					
F405	4000K	85	2405x2	4323	67x2					
DS-W606	F27A	2700K	85	2225x2	62 x2					
	F927A	2700K	90	2840x2	79x2					
	F30A	3000K	85	2370x2	66x2					
	F930A	3000K	90	2575x2	72x2					
	F35A	3500K	85	2965x2	82x2					
	F40A	4000K	85	2905x2	81x2					
	F27B	2700K	85	2225x2	62 x2					
	F927B	2700K	90	2840x2	79x2					
	F30B	3000K	85	2370x2	66x2					
	F930B	3000K	90	2575x2	72x2					
F35B	3500K	85	2965x2	82x2						
F40B	4000K	85	2905x2	81x2						
F27C	2700K	85	2225x2	62 x2						
F927C	2700K	90	2840x2	79x2						
F30C	3000K	85	2370x2	66x2						
F930C	3000K	90	2575x2	72x2						
F35C	3500K	85	2965x2	82x2						
F40C	4000K	85	2905x2	81x2						

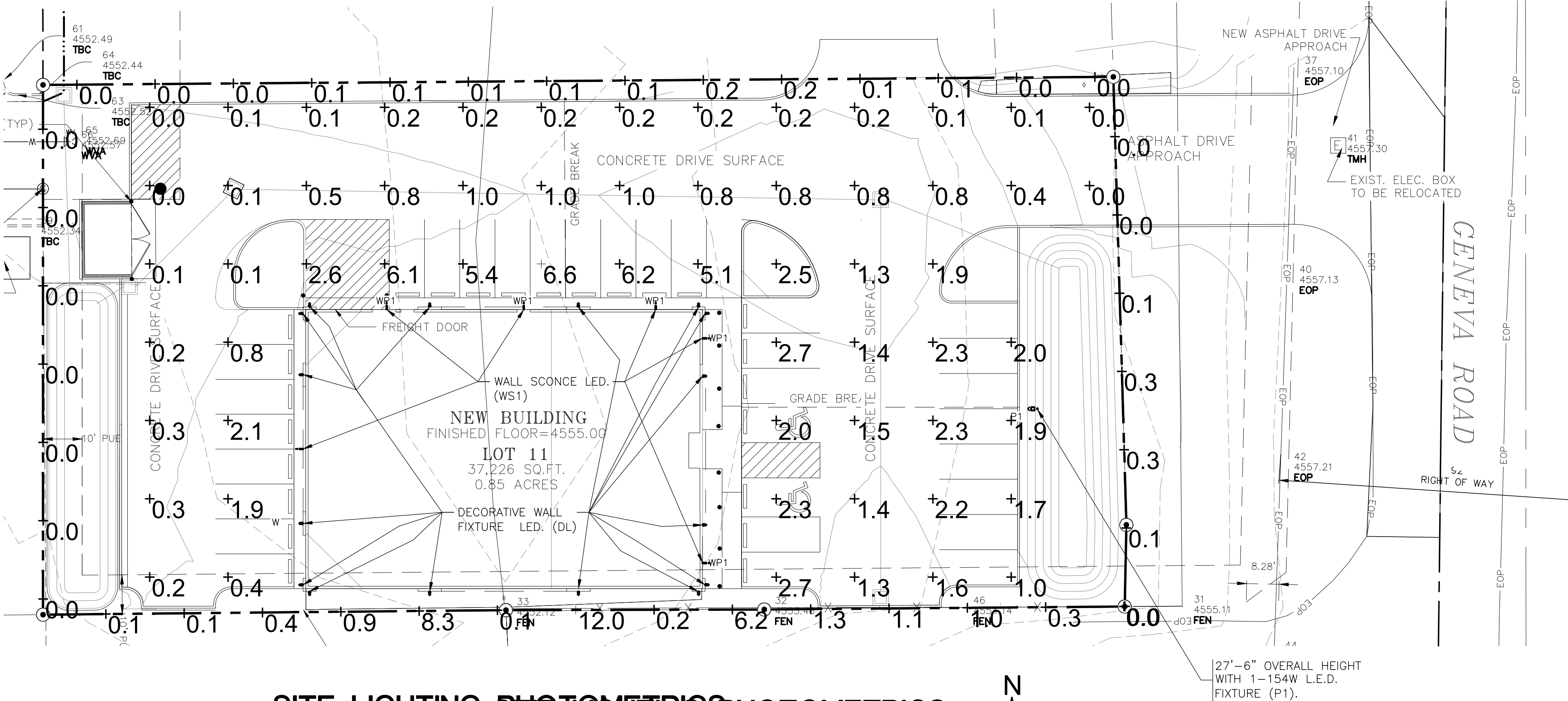
DS-WD06- Example: **DS-WD06-F930A-WT**

wacighting.com
Phone (800) 526-2588
Fax (800) 526-2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

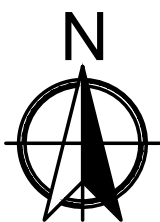
Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760



SITE LIGHTING PHOTOMETRICS

SCALE: 1"=20'

SCALE: 1"=20'



BTS

PRELIMINARY
NOT FOR
CONSTRUCTION
OR PERMIT

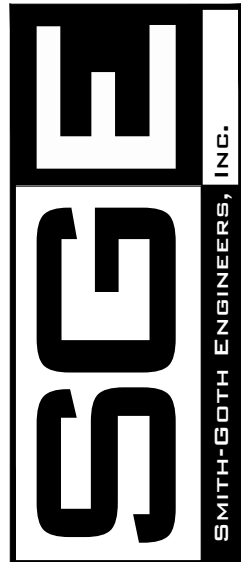
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PROJECT:
NEW O'REILLY AUTO PARTS STORE
208 GENEVA ROAD
VINEYARD, UTAH

SITE LIGHTING PHOTOMETRICS

2885 S. JEFFERSON AVE.
SPRINGFIELD, MO 65807
P: 417-882-2200
F: 417-882-1188
WWW.SMITH-BOTH ENGINEERS, INC.



DRAWN BY: JTH
CHECKED BY: NEG
DATE: 00/00/18
REVISION:

PROJECT NUMBER:
VYD

SHEET NUMBER

SP1

Use ONLY with "Wind Speed Map for ASCE7-10"

CAUTION: This guarantee does not apply if the pole/bracket/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. LSI Industries cannot accept responsibility for harm or damage caused in these situations.

POLE ORDERING INFORMATION

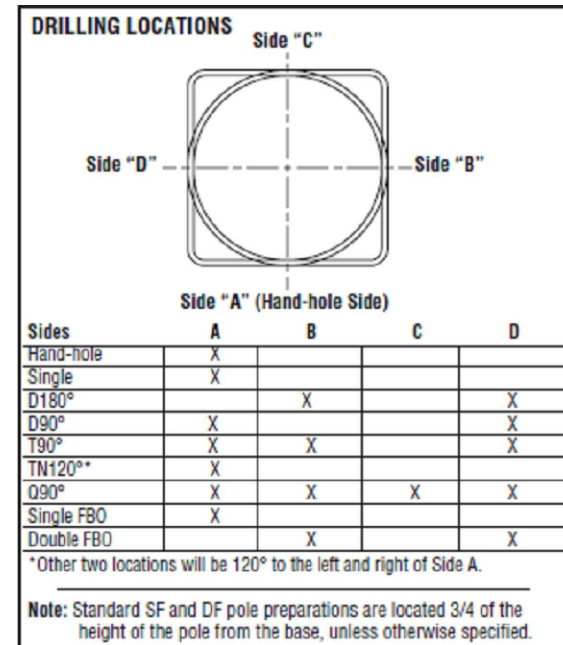
Pole Series	Material	Height ²	Mounting Configuration	Pole Finish	Options
Bolt-on Arm Mount - See pole selection guide for tension and fixture matches.	ST1G – 11 Ga. Steel SD0G – 97 Ga. Steel	14" 16" 18" 20" 22" 24" 26"	S – Single/Pole D180° – Double DS90° – Double DN90° – Double T90° – Triple TN120° – Triple OD90° – Quad ON90° – Quad	BRZ – Bronze BLK – Black PLZ – Platinum Pl. WHt – White SVS – Satin Verde Green GPT – Graphite MSV – Metallic Silver	GA – Galvanized Anchor Bolts SF – Single Fixer ³ DF – Double Fixer ³ DGM – Dura-Grip Plus ⁴ LAB – Lash-Anchor Bolts GPT – Graphite PMOS – Pole preparation for PMOS Occupancy Sensor ⁴
Tension Mount - See pole selection guide for tension and fixture/backet matches.	4SON 4SON 6SON	30" 32" 34" 36"	N – Tension Mount (Standard tension size is 2-3/8" O.D.)		
No Mounting Holes - Use with: • BKA 4/SF & BKA 4/SF • BKA X/SF & BKA X/SF					
Consent Pole Selection Chart on opposite page					
Standard SF and DF pole preparations are unless 3/4" of the height of the pole from the base, unless otherwise specified.					
Internal Slip-Ritter: SS01					

FOOTNOTES:

1 - See Area Lighting Brackets 3" Reduced Drill Pattern and Area Lighting Brackets - Bolt-on 5" Traditional Drill Pattern spec sheets for internal Slip-fitter brackets.	4 - Order PMOS separately. Change "XX" to indicate height and side of pole location for pole preparation. EX: OS16A indicates preparation is to be 16ft. up from pole base on side A. Optimal distance from ground to sensor is 20ft.
2 - Pole heights will have +/- 1/2" tolerance.	
3 - See Flood Lighting Brackets section for choice of FRO brackets.	5 - OSXXX option required. Not for use with Metal Halide fixtures

Not
plat

DIMENSIONS



ARRA
Funding Compliant

Wind Speed Map and Pole EPAs are based on ANSI/ASCE 7-10. Please inform LSI if your local code requirements differ; LSI can supply calculations to your code requirements.

1. Values are the fastest-mile speeds at 33 ft. (10 m) above ground for exposure Category 2.
2. Linear interpolation between wind speed contours is acceptable.
3. When using this map to determine EPA readings, always use high end of range.
4. Fixture and pole EPA values are based on wind pressures and forces specified in ANSI/ASCE 7-10.
5. Local code may require wind speeds other than those shown on map.

All LSI Industries' poles are guaranteed to meet the EPA requirements listed. Pole manufacturer is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located. **CAUTION:** This guarantee does not apply if the pole/bracket/ fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. LSI Industries cannot accept responsibility for harm or damage caused in these situations.

N.T.S.

N.T.S. SP2

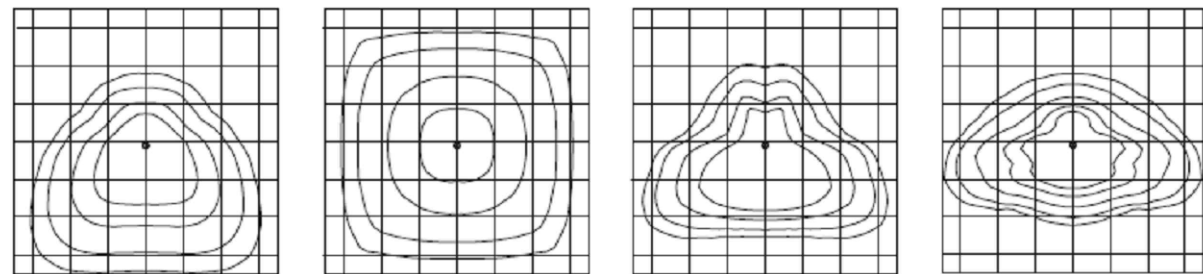
N.T.S. SP2



Mirada - XALM Outdoor LED Area Light

Performance (Cont.)

All published luminaire photometric testing performed to IESNA LM-79 standards by NVLAP certified laboratory. ISO footcandle plots below demonstrate the Mirada (XALM) light patterns only. Not for total fixture output. For complete specifications and IES files, see website.



DELIVERED LUMENS									
Output	Distribution Type	Delivered Lumens	3000K BUG Rating	4000K Delivered Lumens	4000K BUG Rating	5000K Delivered Lumens	5000K BUG Rating	Wattage	
SS	2	16488	107	85-U0-G3	18666	128	85-U0-G3	18665	129
	2-L	12162	78	82-U0-G2	13035	83	82-U0-G2	13035	83
	3	17553	114	82-U0-G3	18874	122	82-U0-G3	18874	122
	3-L	14552	94	81-U0-G3	15647	102	81-U0-G3	15647	102
FT	2	16028	103	82-U0-G3	18858	122	82-U0-G3	18858	122
	2-L	12406	80	81-U0-G3	14362	93	82-U0-G3	14362	93
	3	17716	118	84-U0-G2	19550	122	84-U0-G2	19550	122
	3-L	14576	100	84-U0-G3	17748	113	84-U0-G3	17747	113
HO	2	18173	76	82-U0-G2	20087	84	82-U0-G2	21024	88
	3	24854	102	83-U0-G4	27528	114	83-U0-G4	29667	119
	3-L	20130	83	82-U0-G4	22471	93	82-U0-G4	23407	97
	FT	24973	104	83-U0-G4	27876	116	83-U0-G4	29637	120
VHO	2	25022	103	85-U0-G3	27932	114	85-U0-G3	29095	119
	2-L	20130	83	82-U0-G4	22471	93	82-U0-G4	23407	97
	3	24854	102	83-U0-G4	27528	114	83-U0-G4	29667	119
	FT	24973	104	83-U0-G4	27876	116	83-U0-G4	29637	120
VHO	2	25022	103	85-U0-G3	27932	114	85-U0-G3	29095	119
	2-L	20130	83	82-U0-G4	22471	93	82-U0-G4	23407	97
	3	24854	102	83-U0-G4	27528	114	83-U0-G4	29667	119
	FT	24973	104	83-U0-G4	27876	116	83-U0-G4	29637	120

*LED Chips are frequently updated therefore values may increase.

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • www.lsi-industries.com • (513) 372-3200 • ©LSI Industries Inc. All Rights Reserved.



Mirada - XALM Outdoor LED Area Light

Features & Specifications (Cont.)

- Construction**
 - Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
 - Designed to mount to round or square poles without need for pole adapters.
 - Luminaire is proudly made in the U.S.
 - IP66 rated luminaire protects integral components from harsh environments.
 - 36 rated for ANSI C136.31 high vibration applications.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 30 lbs in carton.

- Controls**
 - Optional integral passive infrared motion and daylight sensor activates switching of luminaire light levels (see page 9 for more details).
 - 7-pin ANSI C136.41-2013 photocell receptacle option available for twist lock photocell/sensors or wireless control modules.
 - LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7. (see page 6 for more details)

- Installation**
 - A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment for installing/servicing.
 - Included terminal block provides quick and easy on-site wiring.
 - Utilizes LSI's traditional 3" drill pattern for easy fastening of LSI products. (See drawing on page 1)

- Warranty**
 - LSI LED Fixtures carry a 5-year warranty.

Listings

- Listed to UL 1598 and UL 8750.
- RoHS Compliant.
- State of California Title 24.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/DLC, to confirm which versions are qualified.
- American Recovery and Reinvestment Act Funding Compliant.
- Lighting Facts Approved.
- Suitable for wet locations.
- IP66 rated Luminaire, IP66 rated optical chamber.
- 36 rated for ANSI C136.31 high vibration applications

Performance

ELECTRICAL DATA*							
Lumens	120V	208V	240V	277V	347V	480V	Watts
SS	1.29A	0.75A	0.65A	0.56A	0.45A	0.32A	156
HO	1.89A	1.14A	0.99A	0.86A	0.69A	0.50A	238
VHO	2.58A	1.45A	1.25A	1.13A	0.89A	0.65A	310

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

RECOMMENDED LUMEN MAINTENANCE†						
Ambient	Initial‡	25 hr*	50 hr*	75 hr*	100 hr*	
0°C	100.0	99.00	98.02	96.92	95.87	95.47
10°C	100.0	99.03	98.02	96.92	95.87	95.47
20°C	100.0	98.71	94.36	91.48	88.97	
25°C	100.0	82.74	86.48	80.67	75.24	

† Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and 8-tube testing.
‡ In accordance with IESNA TM-21-11, Prescribed Values represent interpolated value based on time equations that are within one time of IESNA LM-80-08 test but rounded for the device error.

§ In accordance with IESNA TM-21-11, Calculated values represent time equations that exceed six times the IESNA LM-80-08 test test duration for the device error testing.

LUMINAIRE EPA CHART - XALM	
Single	0.6
D180°	1.1
090°	0.9
180°	1.0
180°	1.0
090°	2.1



Mirada - XALM Outdoor LED Area Light

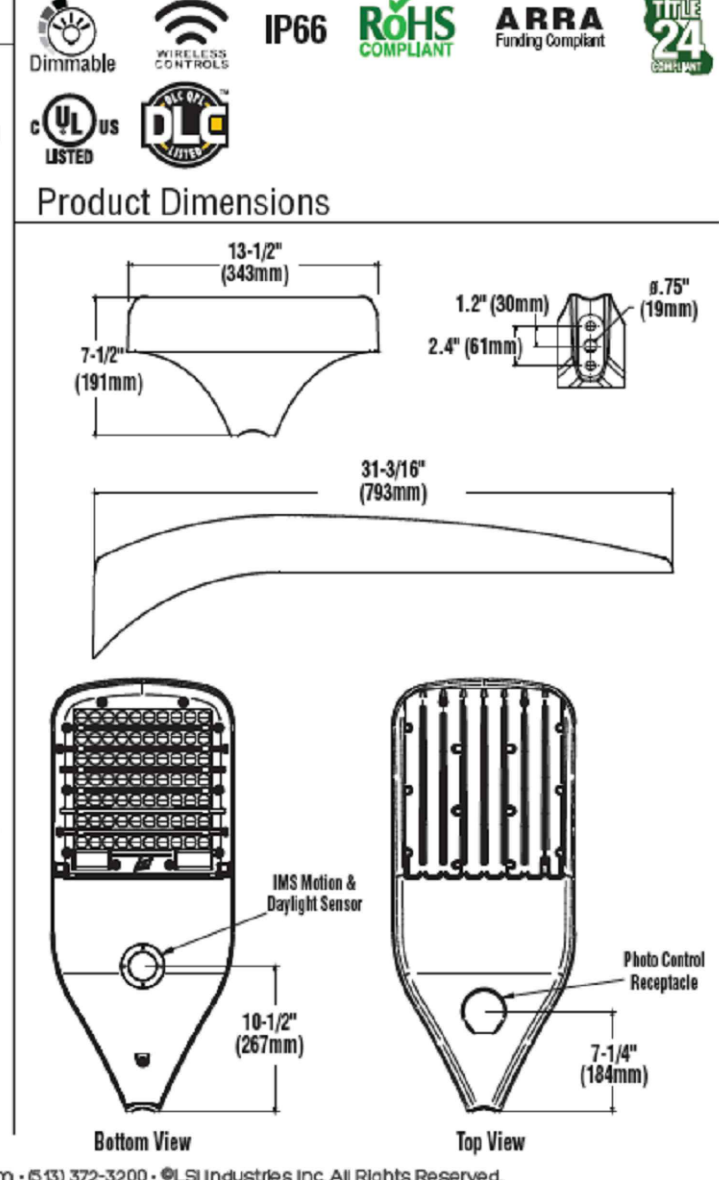


The Mirada's sleek design makes it perfectly-suited for architectural applications, while its cost-effective die-cast aluminum housing makes its acquisition cost very competitive. The Mirada offers high performance silicone optics, die cast aluminum housing, 35,000+ lumens and is available with integral wireless controls.

Features & Specifications

- Optical System**
 - State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1" component.
 - Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W and FT.
 - Silicone optical material does not yellow or crack with age and provides a minimum light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K (+/- 275K) color temperatures.
- Minimum CRI of 70. 90CRI available, consult factory for lead time.
- Integral Lower (L) option available for improved back-light control without sacrificing street side performance. See page 6 for more details.

- Electrical**
 - High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
 - 0-10V dimming (10% - 100%) standard.
 - Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
 - L70 Calculated Life: >100K Hours (See Lumen Maintenance on Page 2)
 - Total harmonic distortion: <20%
 - Operating temperature: -40°C to +50°C (-40°F to +122°F)
 - Power factor: >.90
 - Input power stays constant over life.
 - Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C82.41.2).
 - High-efficiency LEDs mounted to metal-core circuit board to maximize heat dissipation
 - Terminal block provided accepts up to 10ga wire.
 - Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.



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MIRADA WALL SCONCE (XWM)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XWM FT LED 08L 50 UE WHT IMS**

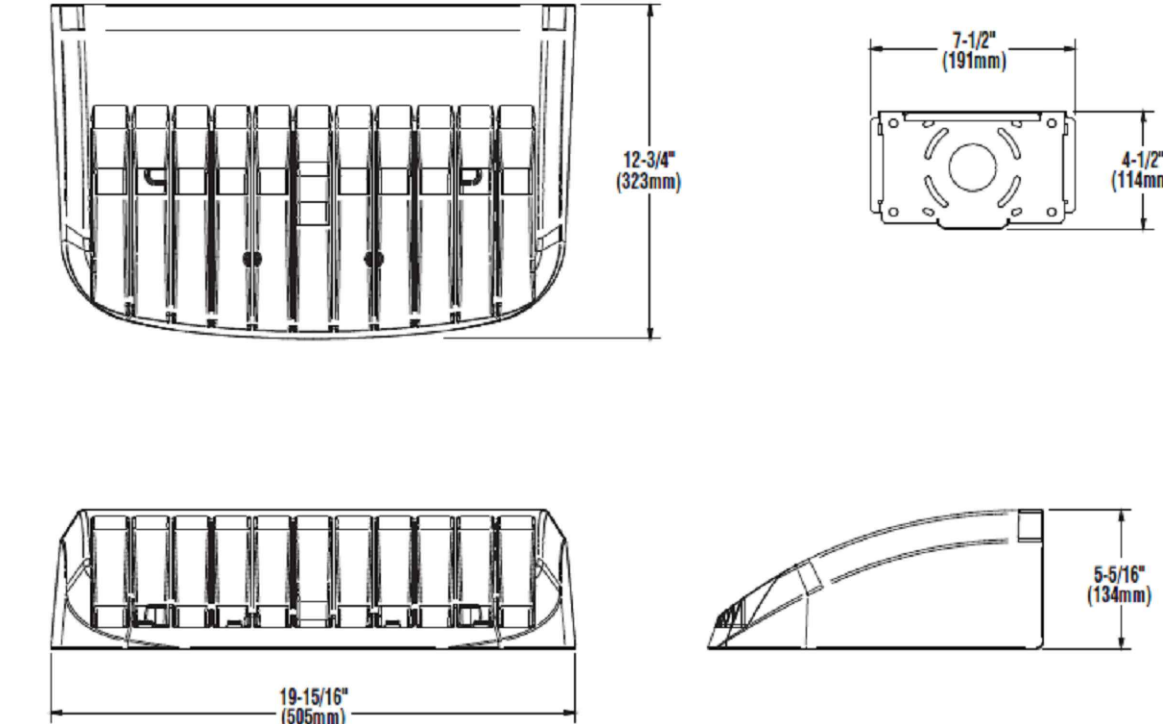
Prefix	Distribution	Light Source	Output ¹	Color Temperature	Input Voltage	Finish	Optional Controls	Optional Sensor/Options
XWM - Mirada Wall Sconce	2 - Type 2 3 - Type 3 FT - Type 4 (Forward Thru)	LED	08L - 3,400 Lumens 04L - 4,400 Lumens 08L - 8,800 Lumens	30 - 5000K	UE - Universal Voltage (120-277V) HV - 347-480V	BLK - Black BRZ - Bronze OPT - Graphite MSV - Metallic Silver PLP - Platinum Plus WHT - White	Wireless Control System ^{2,3} IMS - Integral Motion Sensor ^{4,5} DIM - 0-10V Dimming (required for satellite fixtures) ALSC - AirLink Symptom Control System ⁶ XPM - Pole Mounting Bracket	Control Receptacle ⁷ IL - Internal Lower House Side Shield 90C - 90 CRI ⁸

ACCESSORY ORDERING INFORMATION¹

Description	Order Number	Description	Order Number
XWM SW BLK - Surface Wiring Box (Available in black only)	SPR200	SPR200 - Double Fusing	SPR200
FK120 - Single Fusing	FK120	FK120 - Double Fusing	FK120
FK240 - Single Fusing	FK240	FK240 - Double Fusing	FK240
FK480 - Single Fusing	FK480	MSPC Remote Configurator Tool ⁹	MSPC01

- FOOTNOTES:**
- For wireless controls information and accessories, see Controls Section.
 - Requires a Site Manager and override switch. Not compatible with battery back-up.
 - Not compatible with UL Option.
 - Not compatible with DIM or Wireless Control System.
 - Not available with BL, CWBL, MS Option or Wireless Control System.
 - Not available with UL Option.
 - Not compatible with UL Option.
 - Output based on Type 3 optics in cool white color temperature. See IES file for exact delivered lumens.
 - Not compatible with UL Option.
 - Not compatible with UL Option.

DIMENSIONS



Project Name _____ Fixture Type _____ 10/2017
Catalog # _____ © 2017 LSI INDUSTRIES INC.

MIRADA WALL SCONCE (XWM)

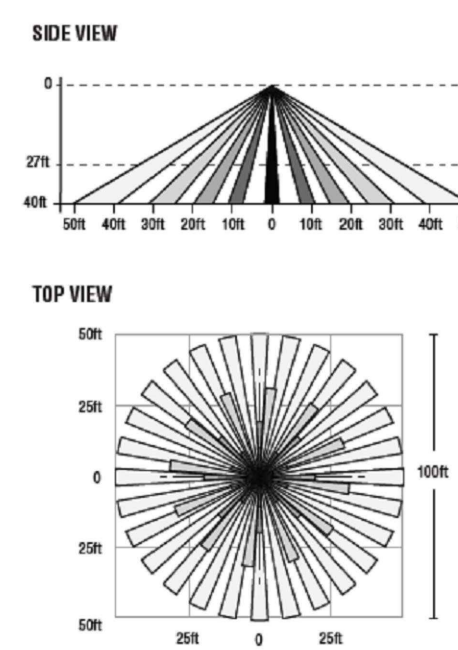


DOE LIGHTING FACTS
Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog ratings.

LIGHT OUTPUT - XWM - 3 5000K CCT		
Lumens	Wattage	LPM
03	3410	29
04	4417	40
08	8839	80
09	8810	82
100		100

LED Chips are frequently updated therefore values may increase.

COVERAGE DIAGRAM



Project Name _____ Fixture Type _____ 10/2017
Catalog # _____ © 2017 LSI INDUSTRIES INC.

US & MFL patents pending

SMARTTEC™ - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.

ENERGY SAVING CONTROL OPTIONS: DIM - 0-10 volt dimming enabled with LSI wireless controls.

OPTIONAL INTEGRAL MOTION SENSOR: Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passively enter target zone and increased to full bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 83° vertical x 10 meters maximum distance.

LEDS: Available with 5000K, 4000K or 3000K color temperature, 70 CRI min.

OPTICS/DISTRIBUTIONS: Ultra-high efficiency reflectors provide three distributions. Choose from Type 2, Type 3 or Type FT.

HOUSING: Three-piece die-cast aluminum housing is smoothly contoured low-profile shape. Mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.

OPTICAL UNIT: Proprietary silicone refractor optics provide exceptional coverage and uniformity. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals.

WALL MOUNTING: Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water. Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position.

Optional pole-mounting bracket permits mounting to standard poles (XPM).

ELECTRICAL: Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C82.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

DRIVER: Drivers are dimming, standard. Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed.

EMERGENCY OPTIONS: Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for maximum of 90 minutes.

OPERATING TEMPERATURE: -40°C to +50°C (-40°F to +122°F)

FINISH: Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

WARRANTY: LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS: Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT (in carton): 30 lbs./13.6kg

LISTING: UL listed to ANSI/UL1598, UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

RoHS Compliant

UL Listed

CE

ARRA Compliant

IP66

FCC



Mirada - XALM Outdoor LED Area Light

Ordering Guide

TYPICAL ORDER EXAMPLE: **XALM FT LED HO 40 UE BRZ ALSC**

Luminaire Prefix	Distribution	Light Source	Lumen Package ¹	Color Temp	Voltage	Finish	Optional Controls	Options
XALM	2 - Type II 3 - Type III FT - Type FT SW - Type S	LED	SS - Super Saver HO - High Output VHO - Very High Output	30 - 3000K 40 - 4000K 55 - 5000K	UE - Universal Voltage (120-277V) HV - 347-480V Universal Voltage (347-480V)	BRZ - Bronze BLK - Black OPT - Graphite MSV - Metallic Silver SCM - Solid Control System ² PLP - Platinum Plus WHT - White DVG - Satin Verts Green	Wireless Controls System ^{3,4} ALSC - AirLink Symptom Control System ⁵ ALSCN - AirLink Symptom Control System - NoSatellite PCM - Polymount Control System ⁶ SCM - Solid Control System ⁷ LDM - 0-10V Dimming (required for satellite fixtures) ⁸ Blank - None	PCR 7P - Photocell IL - Internal Lower House Side Shield 90C - 90 CRI ⁹

Accessory Ordering Information

Description	Order Number	Description	Order Number
PC120 Photocell for use with PCR option (120V)	125514 ¹	SPR240 Double Fusing (480V)	SPR240 ¹
PC208-277 Photocell for use with PCR option (208V, 240V, 277V)	125515 ¹	FK247 Single Fusing (247V)	FK247 ¹
PC480 Photocell for use with PCR option (347V)	125516 ¹	ALSC UVV TLS - AirLink 5 Pin Tablet Lock Controller	66140A
PC480 Photocell for use with PCR option (480V)	125518 ¹	ALSC UVV TLS - AirLink 7 Pin Tablet Lock Controller	661410
FK120 Single Fusing (120V)	FK120 ¹	PMS0120 - 120V Pole-Mount Occupancy Sensor	S18050CLR ¹⁰
FK277 Single Fusing (277V)	FK277 ¹	PMS0208/240 - 208, 240V Pole-Mount Occupancy Sensor	S18200CLR ¹⁰
MSPC Remote Configurator Tool	S18400	PMS0277 - 277V Pole-Mount Occupancy Sensor	S18050CLR ¹⁰
IL - Integral Lower HSS	6304155B	PMS0480 - 480V Pole-Mount Occupancy Sensor	S18400CLR ¹⁰
EPK208, 240 Double Fusing (208V, 240V)	EPK208, 240 ¹	BKS X80 WM - CLK Wall Mount Bracket	S8102CLR

- FOOTNOTES:**
- For wireless controls information and accessories, see Controls Section.
 - Requires a Site Manager and override switch. Not compatible with IMS or BLS Option.
 - Fusing must be located in stand hole of pole.
 - Not compatible with DIM, BLS or Wireless Control System.
 - IMS is a Wall Stopper Dual Sensor (Daylight & Motion) which is field adjustable, via a hand held remote. Illuminator tool, which must be ordered separately.
 - Photocell must be ordered separately. 7 pin standard. See Accessories.
 - Not available with IMS Option or Wireless Control System.
 - Factory installed PCR option required. See Options.
 - Fusing must be located in stand hole of pole.
 - To be used in conjunction with PCM/SCM control modules in fixture. Consult factory.
 - Consult factory.
 - Consult factory for DLC qualification information and lead times.

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11/1/17

BTS

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CONSTRUCTION
OR PERMIT

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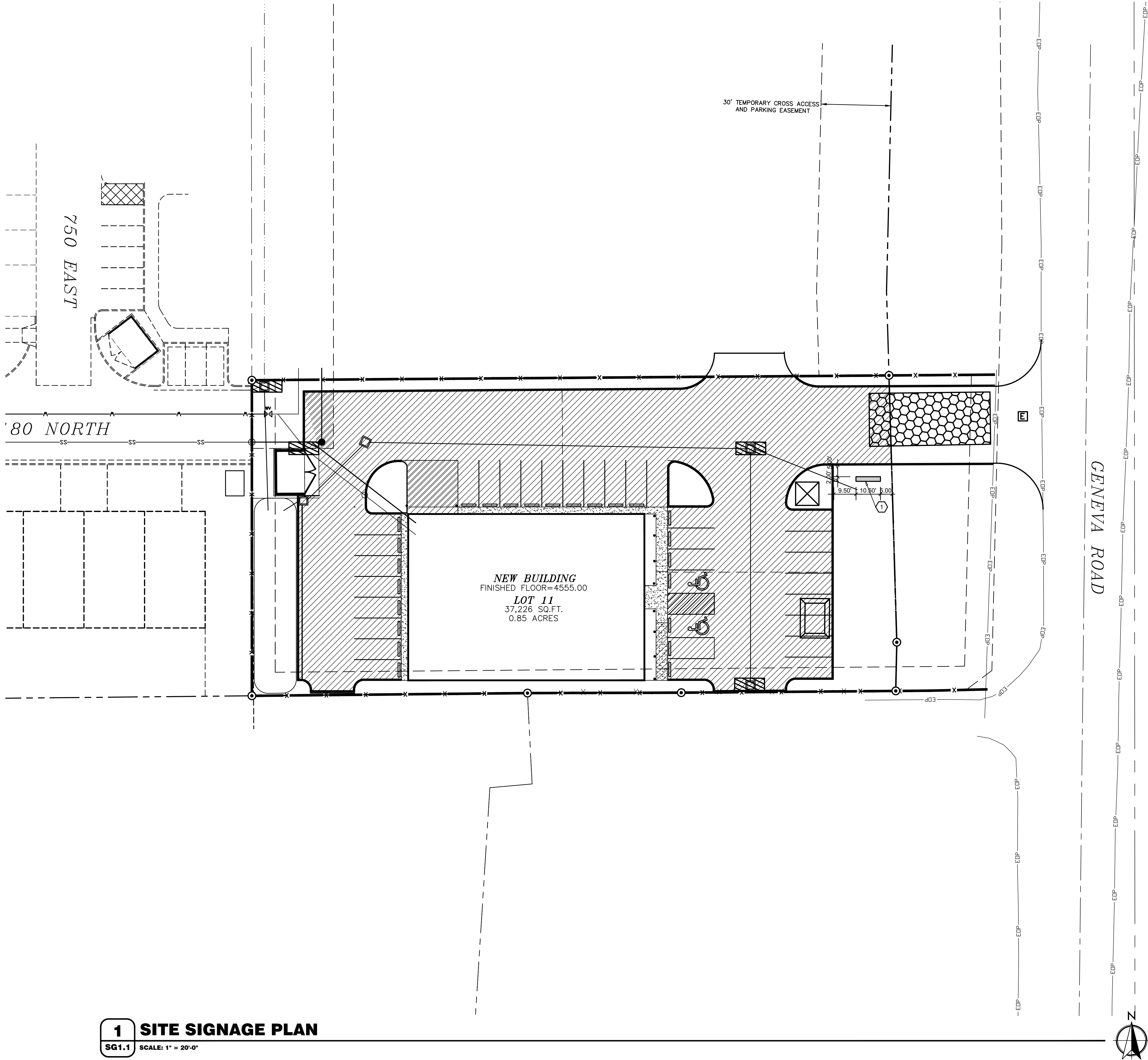
O'Reilly AUTO PARTS

CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
208 GENEVA ROAD
VINEYARD, UTAH

SITE LIGHTING DETAILS

2885 S. JEFFERSON AVE.
SPRINGFIELD, MO 65807
P: 417-882-2200
F: 417-882-1188
WWW.O'REILLY.COM



1 SITE SIGNAGE PLAN
SG1.1 SCALE: 1" = 20'-0"

811
Know what's below
Call before you dig.

CAUTION:
INFORMATION ON THIS DRAWING
CONCERNING TYPE AND LOCATION
OF UNDERGROUND AND OTHER
UTILITIES IS NOT GUARANTEED TO
BE ACCURATE OR ALL INCLUSIVE.
THE CONTRACTOR IS RESPONSIBLE
FOR MAKING HIS OWN
DETERMINATION AS TO THE TYPE
AND LOCATION OF UNDERGROUND
AND OTHER UTILITIES AS MAY BE
NECESSARY TO AVOID DAMAGE
THERETO.

DRAWN BY:	CHECKED BY:
EW	SB
DATE:	
03/30/18	
REVISION:	
PROJECT NUMBER:	
VYD	
SHEET NUMBER	

- 1 SITE SIGN, REFER TO ELEVATION 2/SG1.2

KEY NOTES

- GENERAL NOTES**
- A REFER TO PROJECT MANUAL AND SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.
 - B SITE DIMENSIONS TO FACE OF CONCRETE FOUNDATION, SIDEWALK, CURB GUTTER LINE, PROPERTY LINE, OR CENTER LINE OF STRIPING UNLESS OTHERWISE NOTED.
 - C COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
 - D PRIOR TO INSTALLATION, CONTRACTOR TO VERIFY LOCATIONS OF LIGHT POLES, LANDSCAPING, AND UTILITIES DO NOT CONFLICT WITH SITE SIGN LOCATION SHOWN. REFER TO US1 AND CIVIL FOR UTILITY LOCATIONS. IF CONFLICT IS DISCOVERED, CONTRACTOR TO NOTIFY OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK.
 - E *COMING SOON* TEMPORARY CONSTRUCTION SIGN TO BE PROVIDED BY CONTRACTOR. APPLIED SIGNAGE GRAPHICS TO BE OWNER FURNISHED AND CONTRACTOR INSTALLED. LOCATE TEMPORARY CONSTRUCTION SIGN ON SITE SO AS TO BE VISIBLE TO PUBLIC FROM RIGHT-OF-WAY. REFER TO DETAIL 1/SG1.2.
- SPECIAL NOTE:**
AVOID OBSCURING VISIBILITY OF SITE SIGN FROM RIGHT OF WAY WITH LARGE PLANTINGS AND LANDSCAPING.
SUBMIT LANDSCAPING LAYOUT FOR FINAL OWNER REVIEW AND APPROVAL PRIOR TO INSTALLATION.

PROJECT:
NEW O'REILLY AUTO PARTS STORE
208 GENEVA ROAD
VINEYARD, UTAH

Buddy Webb, NCARB, AIA
Architect - Consultant
3057 EAST CAIRO
SPRINGFIELD, MISSOURI 65802
(417) 877-1385 TELEPHONE
(417) 877-9736 FAX

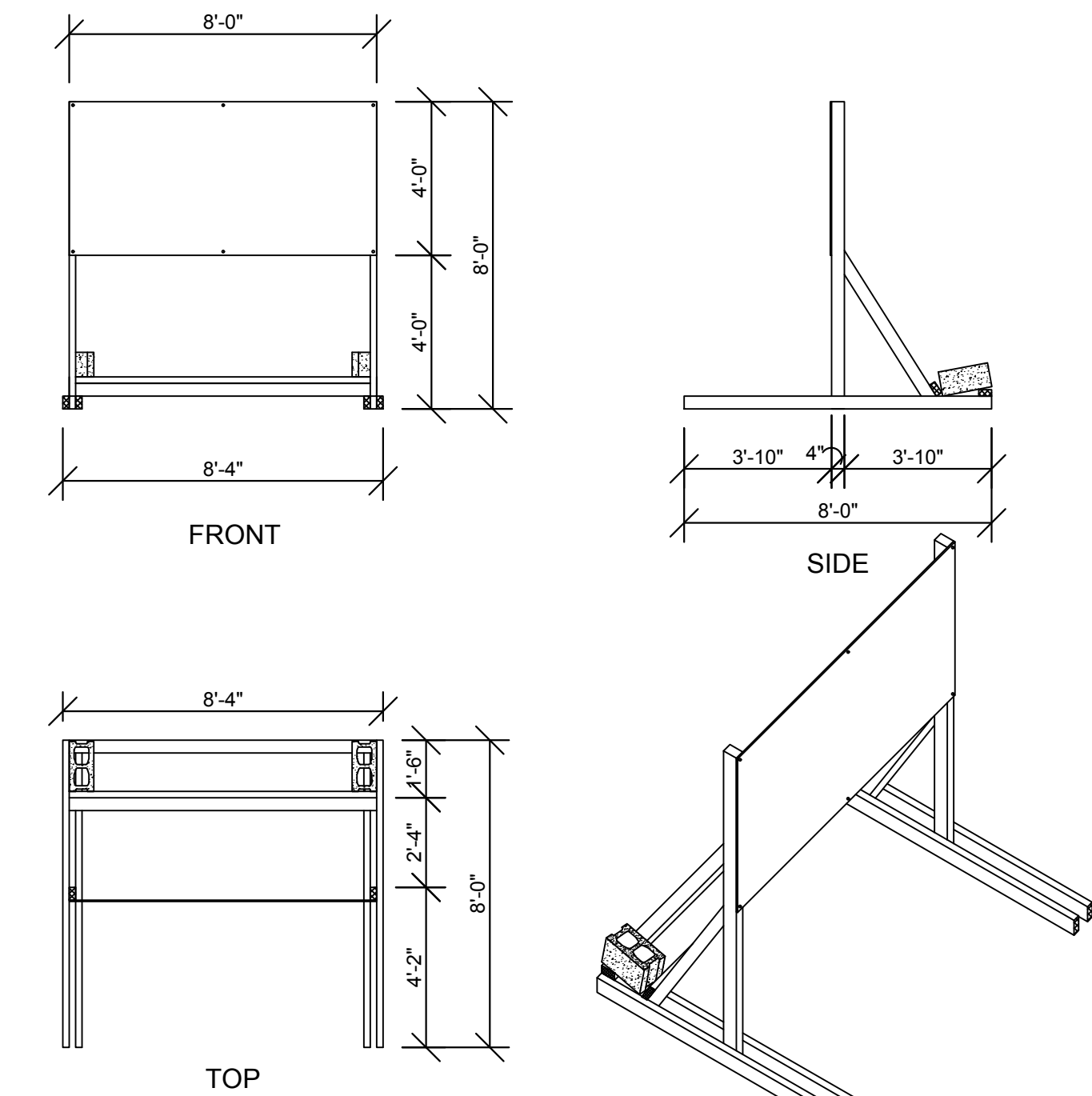
O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

INDIVIDUAL ARCHITECTURAL
REGISTRATION NO.:
7353120-3301

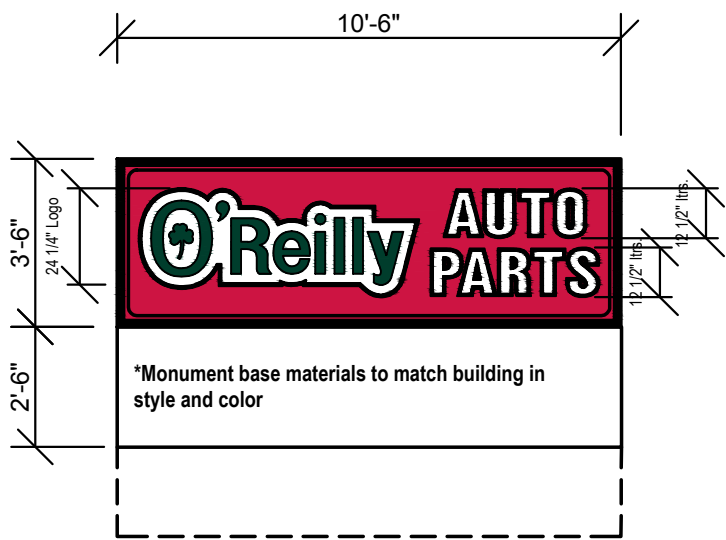
DESIGN
PRELIMINARY
NOTES
CONSTRUCTION
REFERENCE
ONLY

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OR INSTRUMENTS ARE DISCLAIMED.

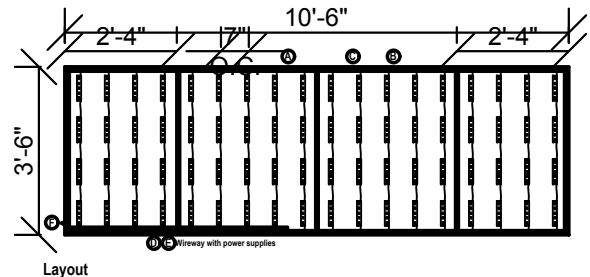
SG1.1



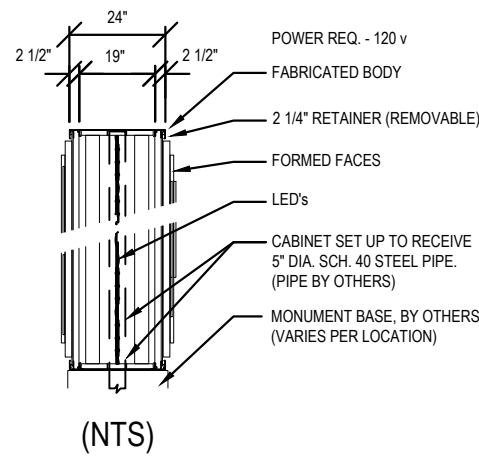
1
COMING SOON TEMPORARY CONSTRUCTION SIGN
SG1.2 SCALE: 1/4" = 1'-0"



2
GROUND SIGN ELEVATION
SG1.2 SCALE: 1/4" = 1'-0"



- ① 24" deep fabricated cabinet with support structure and 2 1/4" retainers
- ② 5" Sch. 40 steel pipe provided by others, shown for reference only.
- ③ GE-Tetra PowerStrip DS White LED's, Part #GEVHDSPS6 (7100K) 6 LED's per module (3 LED's per side) on GE-Tetra Mounting Rails. Part #GEDSRL08. Rails on 10" centers. 64 total modules.
- ④ GE-Tetra Power Supplies. Part #GEPS24-100U 24 Volt 90-300VAC 50/60 HZ Load capacity: 16 modules per power supply. Total of four (4) per display.
- ⑤ Fabricated aluminum internal power supply wireway.



- GENERAL NOTES**
- A REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B CONTACT OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR FOR QUESTIONS OR CLARIFICATIONS.
- C PERMANENT SIGNAGE OWNER FURNISHED AND INSTALLED. (REFER TO SCOPE OF WORK SCHEDULE). SIGNAGE GRAPHICS PROVIDED FOR REFERENCE ONLY (N.I.C.) AND CONTRACTOR'S COORDINATION WITH SPECIFIC PROJECT CONSTRUCTION CONDITIONS.
- D SITE SIGN FOUNDATIONS AND ROUGH-IN ELECTRICAL TO BE PROVIDED BY CONTRACTOR.
- E REQUIRED GOVERNMENTAL PERMITS FOR PERMANENT TYPE SIGNAGE TO BE PROVIDED BY SIGN COMPANY PER OWNER'S DIRECTION (N.I.C.).
- F *COMING SOON* TEMPORARY CONSTRUCTION SIGN TO BE PROVIDED BY GENERAL CONTRACTOR. APPLIED SIGNAGE GRAPHICS TO BE OWNER FURNISHED AND GENERAL CONTRACTOR INSTALLED. LOCATE TEMPORARY CONSTRUCTION SIGN ON SITE SO AS TO BE VISIBLE TO PUBLIC FROM RIGHT-OF-WAY.

- SITE SIGN SCHEDULE**
- TEMPORARY CONSTRUCTION SIGN:
TYPE: COMING SOON
DETAIL: REFER TO 1/SG1.2
- SITE SIGN:
TYPE: MONUMENT(3'-6"H X 10'-6"W X 6" H.)
DETAIL: REFER TO 2/SG1.2

NOTE:
REFER TO SHEET SG1.3 FOR FOUNDATION
SYSTEM STRUCTURAL REQUIREMENTS.

Buddy Webb, NCARB, AIA
Architect - Consultant
3057 EAST CAIRO
SPRINGFIELD, MISSOURI 65802
(417) 877-1385 TELEPHONE
(417) 877-9736 FAX

PROJECT: (ADDITION)
O'REILLY AUTO PARTS STORE
2730 HIGHWAY 80 EAST
PEARL, MISSISSIPPI

SITE SIGNAGE DETAILS

DESIGN
PRELIMINARY
NOTES
CONSTRUCTION
REFERENCE
ONLY

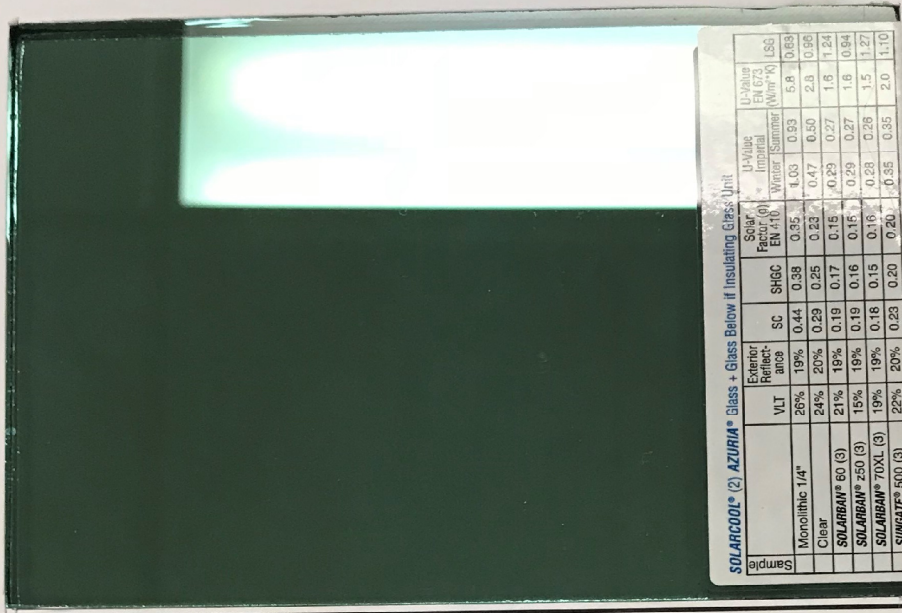
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O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

DRAWN BY: EW
CHECKED BY: RV
DATE: 03/23/18
REVISION:

PROJECT NUMBER:
PEA-0994

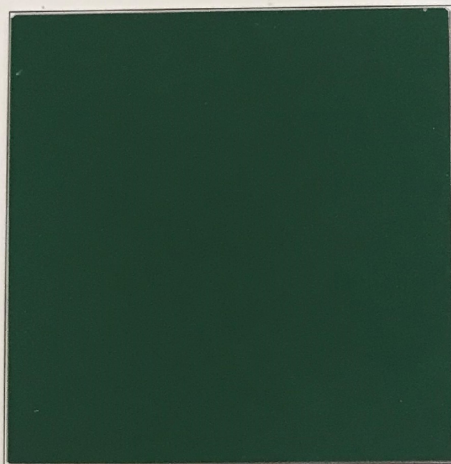
SHEET NUMBER
SG1.2



SOLARCOOL® (2) AZURIA® Glass - Glass Below if Insulating Glass Unit									
Sample	U-Value EN 673 (W/m²·K)	U-Value EN 673 (W/m²·K)	U-Value EN 673 (W/m²·K)	U-Value EN 673 (W/m²·K)	U-Value EN 673 (W/m²·K)	U-Value EN 673 (W/m²·K)	U-Value EN 673 (W/m²·K)	U-Value EN 673 (W/m²·K)	U-Value EN 673 (W/m²·K)
	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
Exterior Reflection Coeff.	SHGC	SHGC	SHGC	SHGC	SHGC	SHGC	SHGC	SHGC	SHGC
VT	SC	SC	SC	SC	SC	SC	SC	SC	SC
Monolithic 1/4"	26%	19%	0.44	0.38	0.95	0.93	0.93	0.93	0.93
Clear	24%	20%	0.29	0.25	0.23	0.23	0.23	0.23	0.23
SOLARBAN® 60 (3)	21%	19%	0.19	0.17	0.15	0.15	0.15	0.15	0.15
SOLARBAN® 750 (3)	15%	19%	0.19	0.16	0.15	0.15	0.15	0.15	0.15
SOLARBAN® 70XL (3)	19%	19%	0.18	0.15	0.16	0.16	0.16	0.16	0.16
SUNGATE® 500 (3)	22%	20%	0.23	0.20	0.20	0.20	0.20	0.20	0.20

WINDOWS

AZURIA + SUNGATE 400 (300) CLEAR
1" INSULATED SAFETY GLAZING
(1/4" PPG "AZURIA+SUNGATE" EXTERIOR PANE / 1/4" CLEAR INTERIOR PANE)
SHADING COEFFICIENT 0.34



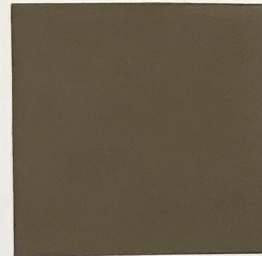
WINDOWS

KEY NOTE NO. 13:
TYPE: (REFER TO WINDOW SCHEDULE)
MFG: EFCO, KAWNEER, OR OLD CASTLE (VISTA
WALL). (NO SUBSTITUTES)
COLOR: EFCO "IVY", KAWNEER "DARK IVY", VISTA
WALL "INTERSTATE GREEN"



TRELIS

KEY NOTE NO. 24:
TYPE: PRE-FABRICATED
METAL WALL TRELLIS
MFG: PER LOCAL
SUPPLIER
FINISH: FIELD PRIMED AND
PAINTED
COLOR: SHERWIN
WILLIAMS "IRON ORE"
SW7069 (SEMI-GLOSS)



EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

KEY NOTE NO. 1A:

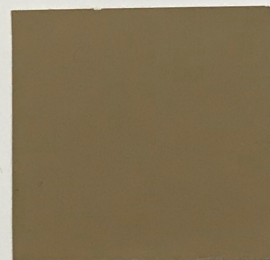
MFG: DRYVIT SPECIFIED. EQUAL BY
STO OR BASF (NO SUBSTITUTES)
SERIES: OUTSULATION PLUS MD
TEXTURE: SANDBLAST
COLOR: DRYVIT "ORAP011030S"
STRATOTONE HIGH PERFORMANCE
COLOR STANDARD: SHERWIN
WILLIAMS "HUNT CLUB" SW6468
(SHER-CRYL) GLOSS

KEY NOTE NO. 1B:

MFG: DRYVIT SPECIFIED. EQUAL BY
STO OR BASF (NO SUBSTITUTES)
SERIES: OUTSULATION PLUS MD
TEXTURE: SANDBLAST
COLOR: DRYVIT "ORAP011030S"
STRATOTONE HIGH PERFORMANCE
COLOR STANDARD: SHERWIN
WILLIAMS "SOFTER TAN" SW6141
(SHER-CRYL) GLOSS

KEY NOTE NO. 1C:

MFG: DRYVIT SPECIFIED. EQUAL BY
STO OR BASF (NO SUBSTITUTES)
SERIES: OUTSULATION PLUS MD
TEXTURE: SANDBLAST
COLOR: DRYVIT "ORAP011030S"
STRATOTONE HIGH PERFORMANCE
COLOR STANDARD: SHERWIN
WILLIAMS "KAFFEE" SW6104
(SHER-CRYL) GLOSS



UNIT MASONRY

KEY NOTE NO. 2A:

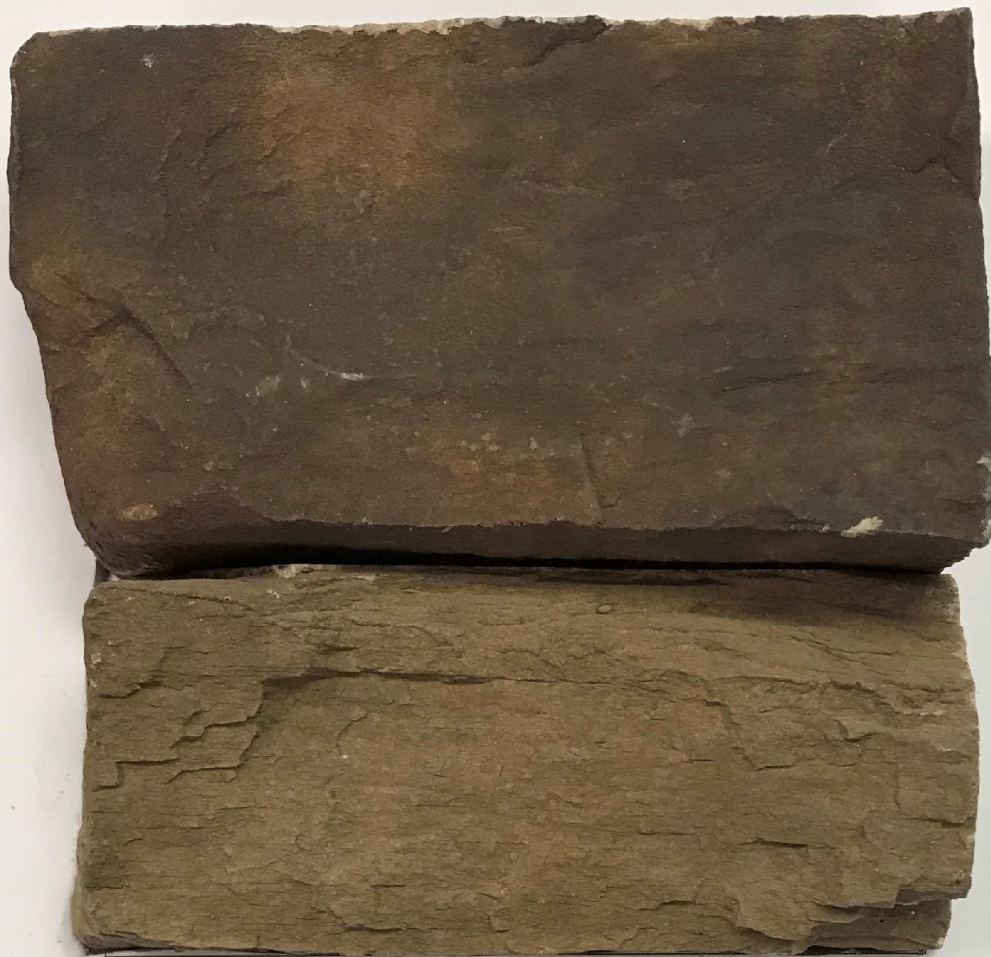
TYPE: CONCRETE MASONRY UNIT (CMU)
MFG: (REFER TO PROJECT MANUAL)
SIZE: 8"X8"X16" (NOM.)
TEXTURE: SMOOTH FACE SINGLE SCORE
COURSING: RUNNING BOND
FINISH: FIELD PAINT (ACCENT COLOR)
COLOR: SHERWIN WILLIAMS "LATTE"
SW6108 (SEMI-GLOSS)
COATS:
(1) COAT SW "PREPRITE" BLOCK FILLER
B25W25 (NO LESS THAN 8 MILS) AND (2)
COATS SW "CONFLEX XL" SMOOTH
ELASTOMERIC A5-400 (NO LESS THAN 5.7
MILS EACH COAT)

COATS (COLD WEATHER APPLICATIONS):
(1) COAT SW "LOXON BLOCK SURFACER"
(NO LESS THAN 8 MILS) AND (2) COATS SW
"ULTRACRETE" SOLVENT BORNE SMOOTH
B46 (NO LESS THAN 8 MILS EACH COAT OR
16 MILS TOTAL)

KEY NOTE NO. 2B:

TYPE: CONCRETE MASONRY UNIT (CMU)
MFG: (REFER TO PROJECT MANUAL)
SIZE: 8"X8"X16" (NOM.)
TEXTURE: SMOOTH FACE SINGLE
SCORE
COURSING: RUNNING BOND
FINISH: FIELD PAINT (ACCENT COLOR)
COLOR: SHERWIN WILLIAMS
"PORTABELLO" SW6102 (SEMI-GLOSS)
COATS:
(1) COAT SW "PREPRITE" BLOCK FILLER
B25W25 (NO LESS THAN 8 MILS) AND (2)
COATS SW "CONFLEX XL" SMOOTH
ELASTOMERIC A5-400 (NO LESS THAN
5.7 MILS EACH COAT)

COATS (COLD WEATHER
APPLICATIONS):
(1) COAT SW "LOXON BLOCK SURFACER"
(NO LESS THAN 8 MILS) AND (2) COATS
SW "ULTRACRETE" SOLVENT BORNE
SMOOTH B46 (NO LESS THAN 8 MILS
EACH COAT OR 16 MILS TOTAL)



UNIT MASONRY

KEY NOTE NO. 3:
TYPE: SIMULATED STONE VENEER
MFG: ELDORADO STONE
SERIES: RUSTIC LEDGE
COLOR: SAWTOOTH